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Infrastructure Needs Program II (INPII)

Contract No: AID-294-I-00-12-00002

Task Order No: AID-294-TO-14-00004

**Jericho Collection System Expansion – Phase
IA Branch Sewers-JCSI**

March, 2015

This publication was produced for review by the United States Agency for International Development. It was prepared by The Morganti Group, Inc.

CONSTRUCTION MONTHLY PROGRESS REPORT

REPORTING PERIOD MARCH 01 TO MARCH 31, 2015

The authors' views expressed in this publication do not necessarily reflect the views of the United States Agency for International Development or the United States Government.

Task Order No : AID-294-TO-14-00004
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Sewers-JCSI



Prepared by: The Morganti Group, Inc.

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**Jericho Collection System Expansion –Phase 1A Branch
Sewers-JCSI**

Construction Monthly Progress Report No. 05

Reporting Period: March 01 – March 31, 2015

Contractor: The Morganti Group Inc.

List of Abbreviations:

| | |
|----------------|--|
| B&V | Black and Veatch |
| BOQ | Bill of Quantities |
| CMC | Construction Management Contractor |
| INP II | Infrastructure Needs Program II |
| IT | Information Technology |
| JICA | Japanese International Cooperation Agency |
| NCR | Non-Compliance Report |
| NOA | Notice of Award |
| NTP | Notice to Proceed |
| NUC | Notice of Unsafe Conditions |
| PVC | Poly Vinyl Chloride |
| QCP | Quality Control Plan |
| RFI | Request for Information |
| RFTOP | Request for Task Order Proposal |
| ROW | Right of Way |
| SOW | Scope of Work |
| TMGI | The Morganti Group, Inc. |
| TO | Task Order |
| USAID | United States Agency for International Development |
| USG | United States Government |
| VO | Variation Order |
| VOR | Variation Order Request |
| WWTP | Waste Water Treatment Plant |

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1. Task Order Overview

1.1. Description of the Project

Infrastructure in the West Bank suffers from years of neglect and lack of investment. The USAID Mission Infrastructure Needs Program II (INP II) focuses on the rehabilitation and construction of roads, water and wastewater projects. The USAID objective is to help the Palestinian economy by improving Palestinians access to basic infrastructure and services.

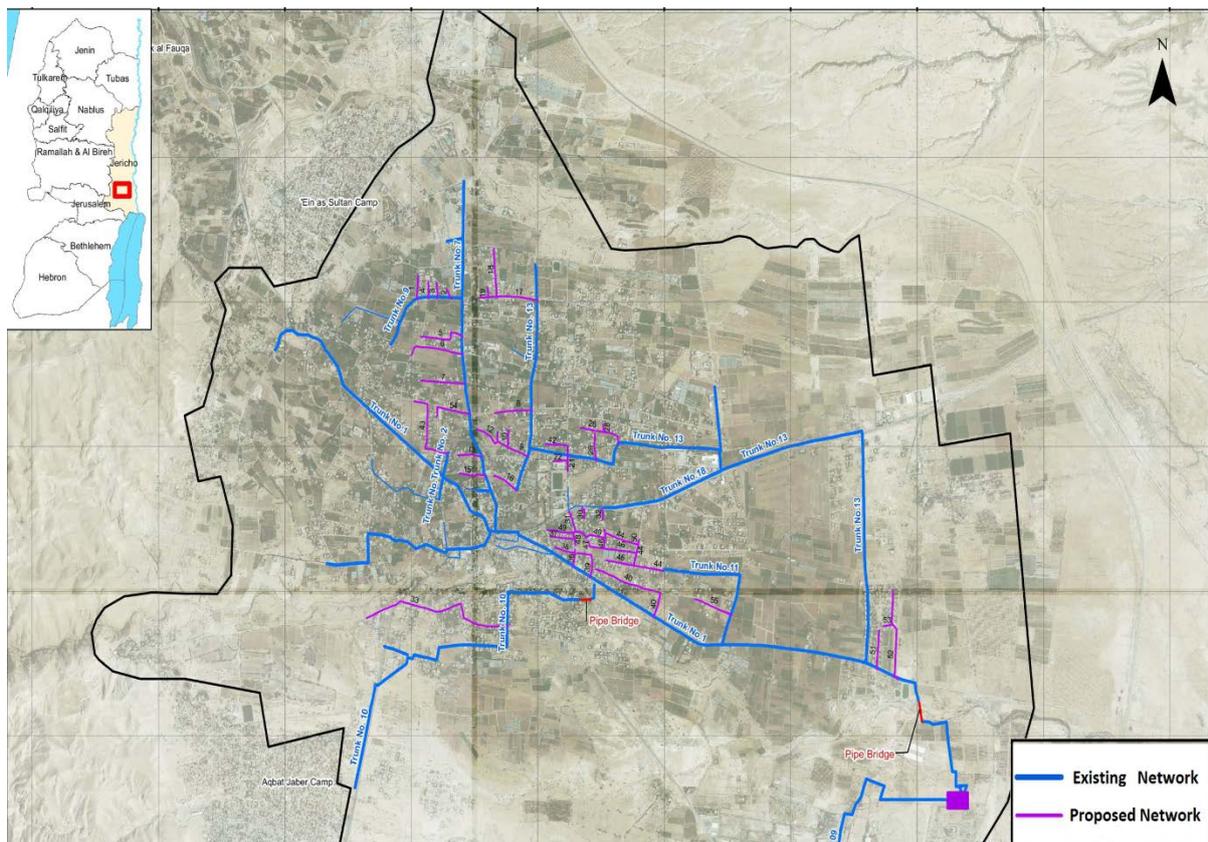
The objective of this Task Order is to build upon the 28 km of phase I Trunk Sewers implemented by other donor, Japanese International Cooperation Agency (JICA). In addition to the trunk sewers, JICA is also in the process of completing the 10,000 cubic meters / day Jericho Wastewater Treatment Plant (WWTP) to which the collection system connects.

This Task Order will expand the collection system through construction of the Phase 1A Branch Sewers, providing the City of Jericho with the opportunity for additional residential / non-residential connections and increased the flow to the Jericho WWTP.

1.2. Project General Information:

| | |
|--|---|
| Project Name: | Jericho Collection System Expansion – Phase 1A Branch Sewers-JCSI |
| Indefinite Quantity Contract No.: | AID-294-I-00-12-00002 |
| Task Order No.: | AID-294-TO-14-00004 |
| Notice of Award Date: | September 30, 2014 |
| NTP Date: | November 07,2014 |
| Contract Value: | USD 4,449,992.00 |
| BOQ Line Item Amount: | USD 4,249,992.00 |
| Day Work Amount: | USD 200,000 |
| Modified BOQ Line Item: | USD 4,174,894.70 |
| Modified Day Work Amount: | USD 275,097.30 |
| Start Date Of Construction Activity: | February 05, 2015 |
| Contractual Period Of Performance: | 330 Calendar Days |
| Modified Period of Performance: | 330 Calendar Days |
| Estimated Completion Date | October 02, 2015 |
| Contractual End Date: | October 02, 2015 |
| Project Location (Area and governorate) | The project is located in Jericho Governorate in Area A. |

1.3. Project Key Map



1.4. Scope of Work:

The Scope of Work (SOW) of this project is to extend approximately 12.5 km of branch sewers into high density priority locations within the City of Jericho. The new branch sewers will connect to existing Phase I trunk sewers. Key project elements include:

- a. Construction of approximately 12.5 km of 8" diameter uPVC main sewers.
- b. Construction of approximately 468 precast reinforced concrete manholes.
- c. Construction of approximately 2.0 km of 6" service laterals.
- d. Construction of approximately 585 connection pits.
- e. Paving and construction of approximately 0.81 km of previous dirt roads.
- f. Approximately 14,100 square meter of Trench Restoration.
- g. Procurement of one combination Jet Vacuum Sewer Maintenance Truck.

1.5. Project Dashboard Status

| | |
|--|----------|
| Contract Elapsed Time as of March , 2015 [%] | 43.94 % |
| Planned Percentage of Completion through March - 2015 [%] | 15.00 % |
| Actual Percentage of Completion through March - 2015 [%] | 19.10 % |
| Float (Days) | -14 Days |

The above negative float occurred as a result of delay in manholes furnishing works, especially in installing manholes benches and internal lining. The Morganti Group, Inc. will accelerate the implementation of the above activities during the next reporting period to avoid the occurred negative float.

2. Safety

2.1. Traffic and Safety Management

Regarding the special nature of Jericho City and the nature of this Task Order, the traffic plan was divided into three cases, the first case is a typical plan for work with moving traffic, while the second traffic plan is a typical plan for totally closed roads with two way traffic flow when the road width (detour) more than 5.5 m. The third traffic plan is a typical plan for totally closed road with one way traffic flow when the road width (detour) less than 5.5 m. The three traffic plans were officially accepted from Jericho Municipality, Local Police and CMC and it will be implemented prior to commencement of work.

Moreover, special and specific safety and traffic plans were submitted to CMC for acceptance prior to start excavation for each alignment on a daily basis.

The Morganti Group, Inc. prepared a special traffic plans for night works (up to 10:00 pm) and were submitted to CMC for acceptance, all local authorities approvals were included in the submittal, and we are waiting for CMC acceptance.

2.2. Safety Meetings

Safety issues were discussed during all meetings with both CMC and USAID during the site periodic visits. Two tool box meetings were conducted with all staff during the reporting period the first one was conducted on March 03, 2015, the second meeting was conducted on March 17, 2015, while the following issues were discussed:

- Safety & Environmental Compliance Officer introduced himself and gave a comprehensive brief description about all responsibilities and duties and what's required from everybody.
- All staff must wear PPEs.
- All staff must use the safety ladders and steel pedestrian crossings.
- Installation of safety signs.

- All equipment must be equipped by Reverse Alarms.
- In addition, all equipment on site must have a valid license and insurances.
- The safety hand book (Arabic Version) was distributed to all attendees.
- Discuss the general requirements for safety during excavation.
- How to help children, students, old people, and special needs cases...etc. to cross the construction area.
- Communication directly with ambulance and medical centers in case of emergency.

2.3. Accident Status

None reported during this reporting period.

2.4. Notice of Unsafe Condition

None reported during this reporting period.

2.5. Safety Conclusion

According to the specifications and contract documents, comprehensive standard safety plan – one of the preconstruction submittals – was submitted to CMC / BV and accepted prior of starting project's activities.

All equipment listed and accepted in Safety Trench Excavation Plan were prepared and equipped. Prior to start any excavation activity, all safety measures will be taken into consideration.

Although, prior to start excavation in Phase II, all required safety measures were taken into consideration.

The updated safety plan will be prepared and submitted to CMC for acceptance on monthly basis.

Special safety warning and indicating signs were prepared and installed as required in the general safety plan. It is including all details and communication numbers to all related parties.

Special safety measures were conducted in alignment 54 near Al Buhturi Boys Basic School. These measures were contains special road to allow students to come in and out from the school during the excavation with a high level of safety. Although, all workers and related people were instructed to stop all excavation activities near the school from 7:00 am to 7:30 am and from 12:30 pm to 13:30 to allow students to move freely without risk.

3. Environmental Compliance

The nature of this Task Order is totally different from other previous projects; accordingly, a comprehensive Environmental Mitigation and Monitoring Plan was submitted to CMC and accepted. During the project's lifecycle, all Environmental measures will be taken into considerations.

The original Environmental Mitigation and Monitoring Plan was prepared and submitted to CMC for acceptance on March 04, 2015 and was accepted on March 08, 2015.

Several site visits were conducted during the reporting period to the project's site in order to check the compliance with the Environmental Mitigation and Monitoring Plan. Complete environmental check list was prepared by CMC and distributed.

4. Traffic Control Measures

Prior of starting any activities and on a daily basis, the accepted traffic plan was totally implemented and accepted by CMC. Our group is totally complied with the accepted traffic plans.

During the reporting period, TMGI started to implement the accepted traffic plan for phase 3. It is expected to be completed all related works during the first week of the next reporting period.

For manholes furnishing works and roads restoration works, special accepted traffic control measures were taken and followed to prevent accidents and traffic problems.

5. Community Outreach

Awareness visit was conducted to Al-Buhturi Boys Basic School – at alignment No. 54 – in order to clarify to students and all workers the up-coming construction activities near the main gate of the school on March 09, 2015.

The accepted Project’s Flayers were distributed in Alignment No. 09 on March 29, 2015 and on March 15, 2015.

6. Gender Action Plan

During this reporting period, the following actions have been taken under the gender plan within the Jericho project:

One female part time accountant was hired in The Morganti Group, Inc. field office. She reported to duty one working day during the reporting period, on March 12, 2015.

7. Security Coordination Meetings

None reported during this reporting period.

8. Meetings

The list below illustrates all meetings held during the reporting period:

1. Biweekly progress meeting was held in Jericho Field Office between USAID, CMC/BV, TMGI and subcontractor on March 04, 2015. The meeting minutes was distributed and covered all discussed items.
2. Contracting Officer meeting was held on March 31, 2015 in Grand Park Hotel in Ramallah. All related partied were attended. Most of the project’s issues were discussed during the meeting.

9. Site Visitors

The following table shows the site visitors during this reporting period including USAID, CMC / BV and all other visitors directly related to the project:

| Date | Time | Representative | Representing | Remarks |
|----------------|----------|----------------|----------------------|---------|
| March 01, 2015 | 08:30 AM | Saleem Tafish | SAK/Projects Manager | |

| Date | Time | Representative | Representing | Remarks |
|----------------|----------|----------------------|-----------------------------------|---------|
| March 01, 2015 | 09:00 AM | Ghassan Alami | TMGI/Project Control Manager | |
| March 01, 2015 | 01:00 AM | Rawan Qawasmeh | B&V/Environmental Engineer | |
| March 03, 2015 | 07:30 AM | Muna AL Shaer | SAK/Environmental Engineer | |
| March 04, 2015 | 08:00 AM | Bashar Tarawa | B&V/Safety Engineer | |
| March 04, 2015 | 01:30 PM | Rami Abu Ktaish | USAID/COR | |
| March 05, 2015 | 02:00 PM | Adnan Azazmeh | B&V/ (QC/AC & Safety Manager) | |
| March 05, 2015 | 02:00 PM | Shahrazad Al-Ayaydah | B&V Senior Office Engineer | |
| March 08, 2015 | 02:30 PM | Adnan Azazmeh | B&V/ (QC/AC & Safety Manager) | |
| March 08, 2015 | 02:30 PM | Dr.Daoud Qawasmi | B&V/ Program Technical Manager | |
| March 08, 2015 | 02:30 PM | Adnan Safi | B&V/ Program Construction Manager | |
| March 08, 2015 | 02:30 PM | Khalid Haramy | B&V /Program Mechanical Engineer | |
| March 08, 2015 | 02:30 PM | Walid Aboudi | B&V Design Engineer | |
| March 08, 2015 | 02:30 PM | Chris Decker | B&V/Chief of Party | |
| March 08, 2015 | 02:30 PM | Peggy Howe | B&V/Deputy chief of Party | |
| March 10, 2015 | 12:00 PM | Bashar Tarawa | B&V/Safety Engineer | |
| March 12, 2015 | 02:00 PM | Rami Abu Ktaish | USAID/COR | |
| March 15, 2015 | 09:00 AM | Samer Amro | B&V /Sr. Roads Engineer | |
| March 16, 2015 | 12:00 PM | Adnan Azazmeh | B&V/ (QC/AC & Safety Manager) | |
| March 16, 2015 | 12:00 AM | Samer Amro | B&V /Sr. Roads Engineer | |
| March 16, 2015 | 12:30 PM | Nihad Hindiyyah | PCP/Production Manager | |
| March 23, 2015 | 02:00 PM | Karim Husari | B&V | |
| March 30, 2015 | 12:00 PM | Bashar Tarawa | B&V/Safety Engineer | |

10. Material and Equipment Delivered on Site

- 10.1. Materials delivered on site: Several construction materials were delivered to the site and to the storage yard such as backfill material precast reinforced concrete manholes, insulation materials, safety tools, uPVC sewer pipes 6” and 8”, round rubber, slag cement, geotextile and other materials – For more information please refer to Annex A.
- 10.2. Equipment on Site: One loader, two excavators, Saw Cut machine, two pneumatic excavators, three Bob Cats and other equipment were used during the reporting period for executing the ongoing construction activities – For more information please refer to Annex A.

11. Progress and Scheduling

The actual construction was started during the last reporting period, the below is a comprehensive list for all activities started and completed during the reporting period. On the other hand, shop drawing activities, walkthroughs, material submittals and construction submittals were continued during the current reporting period.

12. Activities During this Reporting Period

- 12.1. Start and continue shop drawing works for phase III.
- 12.2. Excavation, pipe laying, precast reinforced concrete manholes and backfilling for main uPVC 8” line, as shown in Table A below.
- 12.3. Excavation, pipe laying, precast reinforced concrete manholes and backfilling for connection pits and uPVC 6” line, as shown in Table B below.
- 12.4. Benching works, as shown in Table C below.
- 12.5. Conduct walkthrough to check environmental compliance on March 01, 2015.
- 12.6. Conduct offsite inspection for PCP precast reinforced concrete manholes.
- 12.7. Conduct walkthrough for alignment No. 40 on March 09, 2015.
- 12.8. Conduct awareness visit to Al Bohtory Boys Basic School at alignment No. 54 on March 09, 2015.
- 12.9. Conduct walkthrough for alignment No. 33 on March 10, 2015.
- 12.10. Conduct walkthrough to start asphalt restoration for phase 1 on March 16, 2015.
- 12.11. Conduct walkthrough to check housekeeping for phase 1 on March 16, 2015.
- 12.12. Conduct walkthrough for alignments No. 55, 30 and 31 on March 17, 2015.
- 12.13. Conduct Air pressure test for 8” main uPVC lines for alignments No. 06 and 07 on March 17, 2015.
- 12.14. Conduct safety tool box meeting on March 17, 2015.
- 12.15. Conduct Air pressure test for 8” main uPVC lines for alignment No. 43 on March 18, 2015.
- 12.16. Conduct Air pressure test for 8” main uPVC lines for alignments No. 13 and 15 on March 19, 2015.

12.17. Conduct Air pressure test for 8" main uPVC lines for alignment No. 17 on March 21, 2015.

12.18. Start preparation works for asphalt restoration for alignments 01, 03, 04 and 05 and is still on going.

The following table summarizes the available data for the total executed quantities for main line and laterals during the reporting period:

| Alignment No. | Start Date | Completion Date | Excavation (LM) | uPVC 8" (LM) | No. of Manholes (A,B) |
|-----------------------------------|----------------|-----------------|-----------------|--------------------------|-----------------------|
| A. Main line Works: | | | | | |
| 43 - from MH 12 to MH 24 | Continued | March 4, 2015 | 284.96 | 287.84 | 13 |
| 13 | March 1, 2015 | March 3, 2015 | 196.31 | 198.23 | 8 |
| 15 | March 4, 2015 | March 10, 2015 | 204.27 | 206.19 | 8 |
| 54 | March 5, 2015 | March 14, 2015 | 328.67 | 331.55 | 12 |
| 8 | March 9, 2015 | March 14, 2015 | 308.28 | 310.92 | 11 |
| 22 | March 10, 2015 | March 15, 2015 | 141.05 | 142.49 | 6 |
| 21 | March 16, 2015 | March 16, 2015 | 66.89 | 67.16 | 3 |
| 17 | March 15, 2015 | March 19, 2015 | 436.30 | 440.38 | 17 |
| 42 | March 17, 2015 | March 22, 2015 | 224.70 | 227.34 | 11 |
| 18 | March 19, 2015 | March 23, 2015 | 320.86 | 323.74 | 12 |
| 29 | March 23, 2015 | March 24, 2015 | 172.08 | 174.24 | 9 |
| 19 | March 24, 2015 | March 24, 2015 | 61.66 | 62.14 | 2 |
| 9 | March 25, 2015 | On Going | 313.73 | 317.09 | 14 |
| 26 | March 25, 2015 | On Going | 341.84 | 344.95 | 13 |
| 28 | March 29, 2015 | March 31, 2015 | 50.02 | 50.50 | 2 |
| Total | | | 3451.62 | 3484.76 | 141 |
| B. House Connection Works: | | | | | |
| Alignment No. | Start Date | Completion Date | uPVC 6" (LM) | 800 cm Main Manhole (No) | Remarks |
| 43 | March 3, 2015 | On Going | 38.73 | 17 | |
| 15 | March 8, 2015 | March 11, 2015 | 25.35 | 11 | |
| 3 | March 11, 2015 | March 14, 2015 | 17.27 | 7 | |
| 1 | March 15, 2015 | March 16, 2015 | 21.89 | 8 | |
| 4 | March 17, 2015 | March 17, 2015 | 17.14 | 9 | |
| 5 | March 18, 2015 | March 19, 2015 | 55.55 | 17 | |
| 6 | March 21, 2015 | March 22, 2015 | 50.14 | 17 | |
| 7 | March 23, 2015 | March 24, 2015 | 35.99 | 13 | |
| 54 | March 25, 2015 | March 28, 2015 | 16.60 | 8 | |
| 13 | March 28, 2015 | March 30, 2015 | 5.49 | 3 | |
| Total | | | 284.15 | 110 | |

| C. Benching Works | | | | |
|--------------------------|-------------------|------------------------|------------------|----------------|
| Alignment No. | Start Date | Completion Date | No. of MH | Remarks |
| 01 | March 21, 2015 | March 23, 2015 | 15 | |
| 04 | March 23, 2015 | March 25, 2015 | 15 | |
| 03 | March 25, 2015 | March 26, 2015 | 11 | |
| 05 | March 26, 2015 | March 30, 2015 | 31 | |
| 06 | March 31, 2015 | On Going | 13 | |
| Total | | | 85 | |

13. Planned Activities for Next Month

The following are the main activities planned for next reporting period:

- 13.1. Start and end works for walkthroughs for the remaining alignments.
- 13.2. Start and end works for shop drawings for the remaining alignments.
- 13.3. Complete all remaining works for the connection pits for phase No. 2.
- 13.4. Start excavation works for phase No. 03.
- 13.5. Benching works for all manholes for the remaining alignments in phase 1 and 2.
- 13.6. Internal installation works for all manholes for alignments in phase 2.
- 13.7. Complete asphalt restoration for phase 1.

14. Indicator No. 01 – Number of people in target areas with improved access to sanitation facilities as a result of USG assistance

- 14.1. The number of men in target areas with improved access to sanitation facilities as a result of USG assistance = 2775.
- 14.2. The number of women in target areas with improved access to sanitation facilities as a result of USG assistance = 2667.
- 14.3. The number of urban target areas with improved access to sanitation facilities as a result of USG assistance = to be provided later.
- 14.4. The number of rural target areas with improved access to sanitation facilities as a result of USG assistance = to be provided later.

15. Indicator No. 02: Generated Persons – Days of Employment:

Target value = 10,200 Man – Days.

Employment generated previously = 1807 Man – Days, segregated to 60 Female – Days and 1747 Male – Days.

Employment generated this reporting period = 1166 Man – Days, segregated to 1 Female – Days and 1165 Male – Days.

Total cumulative employment generated to date = 2973 Man – Days, segregated to 61 Female – Days and 2912 Male – Days.

All information is based on the daily reports and meets the five quality standards.

All information is up to date and accurate.

For details, please refer Annex H.

16. Working / Non – Working Days

During this reporting period, five non–working days occurred; four of them were official holidays (Fridays) and the last one was non-working day as a result of the heavy rain. The below table summarizes the cumulative working and non – working days occurred up to now:

| Month | No. of WD | No. of Non WD |
|----------------|------------|---------------|
| November, 2014 | 19 | 4 |
| December, 2014 | 27 | 4 |
| January, 2015 | 24 | 7 |
| February, 2015 | 23 | 5 |
| March, 2015 | 27 | 4 |
| Total | 120 | 24 |

17. Site Memos

Two site memos were issued from contractor to CMC regarding the first one was regarding the precast reinforced concrete manholes, while the second one was regarding the quality of base course – for more details, please refer to Annex D.

18. Inspection Requests

216 inspection requests were issued during the reporting period – for more details, please refer to Annex E.

19. Quality Control and Test Results

The QC plan was submitted and approved during February 2015. An updated QC plan will be prepared and submitted to CMC for acceptance during the next reporting period. The plan includes the proposed quality control program that should be followed during the construction phase, including the forms of recording the quality control operations, organization chart, control activities, testing, administration of the system for onsite and offsite work, submittal procedures, materials, three phase inspection system, and documentation procedures.

Testing:

Several QC tests were conducted during the reporting period, all of them were related to backfilling material and base course – for more details, please refer to the below table.

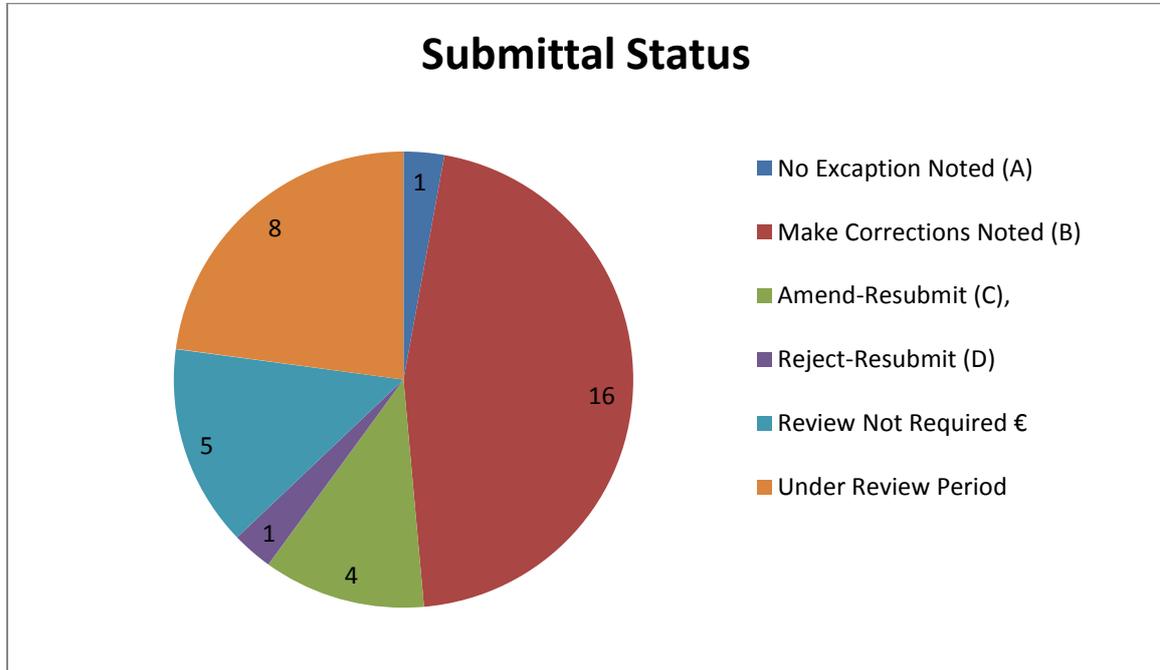
Test Reports Log:

| QC Submittal Number | QC Submittal Description | Submit Date | Return Date | Status |
|-------------------------|--------------------------------|----------------|----------------|--------|
| TEST-14-00003-JCSI-006A | Base Course | March 03, 2015 | March 04, 2015 | A |
| TEST-14-00003-JCSI-007A | Base Course | March 08, 2015 | March 08, 2015 | D |
| TEST-14-00003-JCSI-008A | Single size aggregate - Hommos | March 25, 2015 | March 26, 2015 | A |

Asphalt mix design which was conducted in the Asphalt Plant on February 25, 2015. The test results were received and submitted to CMC for acceptance on March 22, 2015. CMC recommendations were to verify material before starting asphalt works on site.

20. Submittals

36 submittals were prepared and submitted to CMC for acceptance, for more details please refer to the chart below and Annex F.



21. Request for Information

One Request for Information was issued during the reporting period – For more details, please refer to Annex G.

22. Transmittals

| S/No. | Description | Submitting Date |
|-----------------|--|-----------------|
| TRS.004.C-E-104 | Shop Drawing; Plan& Profile for alignment No. 29 With(For Construction) Stamp Vehicles and Equipment Insurances & licenses | March 01, 2015 |
| TRS.004.C-E-105 | method statement - UPVC pressure Test | March 02, 2015 |
| TRS.004.C-E-106 | Shop Drawing; Plan& Profile for alignment No.08 With (Connection) Stamps | March 02, 2015 |
| TRS.004.C-E-107 | JET-VAC TANKER TRUCK | March 02, 2015 |
| TRS.004.C-E-108 | QC-Testing | March 03, 2015 |
| TRS.004.C-E-109 | Shop Drawing; Plan& Profile for alignment No.17,18,19 With (For Construction)Stamp Base Course Material From Al Zahraá Crasher Plant / Jamaeéen Nablus. Report # ST / 15072. | March 04, 2015 |

| | | |
|-----------------|---|----------------|
| TRS.004.C-E-110 | Environmental Monitoring and Mitigation Plan EMMP)) Traffic plan for Night Works | March 04, 2015 |
| TRS.004.C-E-111 | Shop Drawing; Plan& Profile for alignments No.9,10,12) | March 05, 2015 |
| TRS.004.C-E-112 | Traffic Plan | March 08, 2015 |
| TRS.004.C-E-113 | Base Course Manholes Benching Method Statement Method Statement - UPVC Pressure Test | March 08, 2015 |
| TRS.004.C-E-114 | Shop Drawing; Plan& Profile for alignments No.17,18,19 | March 08, 2015 |
| TRS.004.C-E-115 | Method Statement for Internal Lining | March 09, 2015 |
| TRS.004.C-E-116 | Method statement - UPVC pressure Test | March 11, 2015 |
| TRS.004.C-E-117 | Shop Drawing For Plan& Profile for Road A Shop Drawing; Plan& Profile for alignments No.9,10,12 for construction Base Course Quality Method statement - UPVC pressure Test Manholes Benching Method Statement Shop Drawing For Plan& Profile for Road A for construction | March 12, 2015 |
| TRS.004.C-E-118 | Geotextile Material Asphalt job mix design | March 15, 2015 |
| TRS.004.C-E-119 | Shop Drawing; Plan& Profile for alignment No. 40 With Connection pits Prime Coat - MC (Bitumen) | March 18, 2015 |
| TRS.004.C-E-120 | Shop Drawing; Plan& Profile for alignment No. 33 With Connection pits Tack Coat – STC (Bitumen) | March 18, 2015 |
| TRS.004.C-E-121 | Construction Risk Management Program Update Original CPM Schedule Shop Drawing; Plan& Profile for alignment No. 55 With Connection pits | March 19, 2015 |
| TRS.004.C-E-122 | Asphalt Job – Mixes Design (Qandeel -Nablus) | March 22, 2015 |
| TRS.004.C-E-123 | Single Size Aggregate -Hommos | March 25, 2015 |
| TRS.004.C-E-124 | Steel Reinforcement Manufacturers | March 26, 2015 |
| TRS.004.C-E-125 | Shop Drawing; Plan& Profile for alignment No. 40 With Connection pits Shop Drawing; Plan& Profile for alignment No. 55 With Connection pits Shop Drawing; Plan& Profile for alignments No. 36 &38 Connection pits Shop Drawing; Plan& Profile for alignments No. 44,45,46,47,48,49,31,32 &37With Connection pits | March 29, 2015 |
| TRS.004.C-E-126 | Shop Drawing; Plan& Profile for alignment No. 40 for Construction Shop Drawing; Plan& Profile for alignment No. 39 With Connection pits | March 30, 2015 |

23. Payments

None reported during this reporting period.

24. Variation Orders

Variation order No. 1 was issued, in which cost saving to amount of USD 75,097.30 which will added to day works item as a result of changing the trench width, substitute the Concrete New Jersey Barriers by Steel Mini Guardrails and new project definitive quantities.

| VO No. | Subject | Date Signed by TMGI | Date Signed by B&V | Date Approved by USAID | Approved Amount | Day Work Amount | Modified Task Order Amount |
|---------------|-------------------------|---------------------|--------------------|------------------------|-----------------|-----------------|----------------------------|
| VO-14-JCSI-01 | Alternate Trench Bottom | 21-Mar-15 | 21-Mar-15 | 24-Mar-15 | \$75,097.30 | \$275,097.30 | \$ 4,449,992.00 |

25. Variation Order Requests

One variation order request was issued during the reporting period – For more details, please refer to the following table.

| VOR NO. | Date | Subject | Response date | CMC Response | Value | Time Impact |
|------------------------|----------------|-------------------------|---------------|-------------------|---------------|-------------|
| VOR-14-00004-JCSI-004A | March -15-2017 | Alternate Trench Bottom | | Closed by VO # 01 | (\$31,343.55) | 0.00 |

26. Obstacles and Challenges

The project is totally new in nature and scope, accordingly it's a big challenge for Morganti to execute such project, also the nature of Jericho and the surrounding area is different than other areas in the West Bank.

The bad condition of most of the existing roads is another challenge; Morganti will do its utmost to prevent more damages during construction. Despite that fact, it's Morganti responsibility to carry out all works under this Task Order in a manner that ensures that all roads are returned to their original state.

Morganti will do its best in completing the project in safe conditions and in good quality.

Project Photos



Implementation of Traffic Plan (Alignment 15)



Excavation works for alignment No. 15



Asphalt saw cut at alignment No. 54



Installing main precast reinforced manhole at alignment 15



Excavation works for connection pit at alignment No. 43



Backfilling works at alignment 54



Apply RENDROC HS XTRA between Joints at Alignment No. 54



Excavation works at alignment No. 43



Excavation works at alignment 15



Dust control at alignment No. 43



Awareness visit to Al Buhturi Boys Basic School



Air Pressure Test for uPVC line



Preparation works for alignment No. 21



Manholes Installation at Alignment No. 42



Cleaning Site after complete activities at Alignment No.42



Distributing the Project's Flyers

Annexes

Annex A - Materials- Equipment Receiving Log

Materials Delivered on Site:

| Item | Description | Quantity | Location | Date |
|------|------------------------------------|-----------|-------------------|----------------|
| 1.3 | Base (D=1.0 m , H=0.80 m) | 03 No. | Construction Site | March 02, 2015 |
| 1.3 | Cover Slab (t = 0.2 m , D=1.0 m) | 03 No. | Construction Site | March 02, 2015 |
| 1.3 | Ring (D=1.0 m , H=0.5 m) | 01 No. | Construction Site | March 02, 2015 |
| 1.3 | Ring (D=1.0 m , H=0.4 m) | 02 No. | Construction Site | March 02, 2015 |
| 1.3 | Ring (D=1.0 m , H=1.0 m) | 06 No. | Construction Site | March 02, 2015 |
| 1.3 | Base (D=1.0 m , H=0.80 m) | 04 No. | Construction Site | March 03, 2015 |
| 1.3 | Cover Slab (t = 0.2 m , D=1.0 m) | 04 No. | Construction Site | March 03, 2015 |
| 1.3 | Ring (D=1.0 m , H=1.0 m) | 02 No. | Construction Site | March 03, 2015 |
| 1.3 | Ring (D=1.0 m , H=0.5 m) | 04 No. | Construction Site | March 03, 2015 |
| 1.3 | Ring (D=1.0 m , H=0.4 m) | 04 No. | Construction Site | March 03, 2015 |
| 1.3 | Ring (D=1.0 m , H=0.30 m) | 03No. | Construction Site | March 03, 2015 |
| N/A | Rendrock HS Xtra | 19 bags | Storage yard | March 03, 2015 |
| N/A | Slag Cement | 2 Ton | Storage yard | March 04, 2015 |
| 1.3 | Base (D=1.0 m , H=0.80 m) | 13 No. | Construction Site | March 07, 2015 |
| 1.3 | Cover Slab (t = 0.2 m , D=1.0 m) | 13 No. | Construction Site | March 07, 2015 |
| 1.3 | Ring (D=1.0 m , H=1.0 m) | 12 No. | Construction Site | March 07, 2015 |
| 1.3 | Ring (D=1.0 m , H=0.5 m) | 15 No. | Construction Site | March 07, 2015 |
| 1.3 | Ring (D=1.0 m , H=0.4 m) | 15 No. | Construction Site | March 07, 2015 |
| 1.3 | Ring (D=1.0 m , H=0.30 m) | 04 No. | Construction Site | March 07, 2015 |
| N/A | RENDEROC HS XTRA | 35 bag | Storage yard | March 08, 2015 |
| N/A | Nitoproof 30 | 30 Barrel | Storage yard | March 09, 2015 |
| N/A | Gaskets Rubber for Joints | 1000 m | Storage yard | March 10, 2015 |
| 1.3 | Base (D=1.0 m , H=0.80 m) | 18 No. | Storage yard | March 10, 2015 |
| 1.3 | Cover Slab (t = 0.2 m , D=1.0 m) | 18 No. | Storage yard | March 10, 2015 |
| 1.3 | Ring (D=1.0 m , H=1.0 m) | 10 No. | Storage yard | March 10, 2015 |
| 1.3 | Ring (D=1.0 m , H=0.5 m) | 08 No. | Storage yard | March 10, 2015 |
| 1.3 | Ring (D=1.0 m , H=0.4 m) | 07 No. | Storage yard | March 10, 2015 |
| 1.3 | Ring (D=1.0 m , H=0.30 m) | 05 No. | Storage yard | March 10, 2015 |
| 1.3 | Base (D=1.0 m , H=0.80 m) | 18 No. | Storage yard | March 11, 2015 |
| 1.3 | Cover Slab (t = 0.2 m , D=1.0 m) | 18 No. | Storage yard | March 11, 2015 |
| 1.8 | Base (D=0.80m , H=0.80 m) | 11 No. | Storage yard | March 11, 2015 |
| 1.8 | Cover Slab (t = 0.2 m , D=0.80m) | 07 No. | Storage yard | March 11, 2015 |
| 1.3 | Ring (D=1.0 m , H=0.5 m) | 04 No. | Storage yard | March 11, 2015 |
| 1.3 | Ring (D=1.0 m , H=0.4 m) | 14 No. | Storage yard | March 11, 2015 |
| 1.8 | Ring (D=0.8 m , H=0.30 m) | 03 No. | Storage yard | March 11, 2015 |
| 2.1 | PVC-U Pipe (D=200 mm) | 442.4 L.M | Storage yard | March 11, 2015 |
| 2.1 | Gaskets rubber(D=200 mm) | 79 PC | Storage yard | March 11, 2015 |
| 1.3 | Ring (D=1.0 m , H=0.5 m) | 16 No. | Storage yard | March 16, 2015 |
| 1.3 | Ring (D=1.0 m , H=0.4 m) | 04 No. | Storage yard | March 16, 2015 |
| 2.1 | PVC-U Pipes 8" | 448 L.M | Storage yard | March 16, 2015 |
| 2.1 | Gaskets Rubber for 8" Pipes | 80 No. | Storage yard | March 16, 2015 |
| 1.3 | Base (D=1.0 m , H=0.80 m) | 06 No. | Storage yard | March 17, 2015 |
| 1.3 | Cover Slab (t = 0.2 m , D=1.0 m) | 06 No. | Storage yard | March 17, 2015 |
| 1.8 | Base (D=0.80m , H=0.80 m) | 18 No. | Storage yard | March 17, 2015 |
| 1.8 | Cover Slab (t = 0.2 m , D=0.80m) | 18 No. | Storage yard | March 17, 2015 |

| Item | Description | Quantity | Location | Date |
|------|-------------------------------------|-----------|--------------|----------------|
| 1.3 | Ring (D=1.0 m , H=0.5 m) | 04 No. | Storage yard | March 17, 2015 |
| 1.8 | Ring (D=0.80 m , H=0.3m) | 04 No. | Storage yard | March 17, 2015 |
| 1.3 | Ring (D=1.0 m , H=1.0 m) | 10 No. | Storage yard | March 18, 2015 |
| 1.3 | Base (D=1.0 m , H=0.80 m) | 07 No. | Storage yard | March 19, 2015 |
| 1.3 | Cover Slab (t = 0.2 m , D=1.0 m) | 07 No. | Storage yard | March 19, 2015 |
| 1.8 | Base (D=0.80m , H=0.80 m) | 16 No. | Storage yard | March 19, 2015 |
| 1.8 | Cover Slab (t = 0.2 m , D=0.80m) | 16 No. | Storage yard | March 19, 2015 |
| 1.8 | Ring (D=0.80 m , H=0.3m) | 02 No. | Storage yard | March 19, 2015 |
| 1.3 | Manhole Base (1.0 * 0.80) | 09No. | Storage yard | March 21, 2015 |
| 1.8 | Manhole Base (0.80 * 0.80) | 10 No. | Storage yard | March 21, 2015 |
| 1.3 | Manhole Ring (1.0*0.30) | 12 No. | Storage yard | March 21, 2015 |
| 1.3 | Manhole Ring (1.0*0.40) | 15 No. | Storage yard | March 21, 2015 |
| 1.3 | Manhole Ring (1.0*0.50) | 12 No. | Storage yard | March 21, 2015 |
| 1.3 | Manhole Slab (1.0 * 0.20) | 09 No. | Storage yard | March 21, 2015 |
| 1.8 | Manhole Slab (0.80 * 0.20) | 07 No. | Storage yard | March 21, 2015 |
| 1.8 | Manhole Ring (0.80*0.30) | 06 No. | Storage yard | March 21, 2015 |
| 1.3 | Manhole Base (1.0 * 0.80) | 11No. | Storage yard | March 22, 2015 |
| 1.8 | Manhole Base (0.80 * 0.80) | 09 No. | Storage yard | March 22, 2015 |
| 1.3 | Manhole Ring (1.0*0.30) | 08 No. | Storage yard | March 22, 2015 |
| 1.3 | Manhole Ring (1.0*0.50) | 07 No. | Storage yard | March 22, 2015 |
| 1.3 | Manhole Slab (1.0 * 0.20) | 11No. | Storage yard | March 22, 2015 |
| 1.8 | Manhole Ring (0.80*0.30) | 18 No. | Storage yard | March 22, 2015 |
| N/A | NITOPROOF 30 | 30 Barrel | Storage yard | March 23, 2015 |
| N/A | RENDEROC HS XTRA | 30 bag | Storage yard | March 23, 2015 |
| N/A | NITOCOTE ET 402E | 38 Barrel | Storage yard | March 23, 2015 |
| 1.3 | Base (D=1.0 m , H=0.80 m) | 15 No. | Storage yard | March 24, 2015 |
| 1.3 | Cover Slab (t = 0.2 m , D=1.0 m) | 14 No. | Storage yard | March 24, 2015 |
| 1.3 | Ring (D=1.0 m , H=1.0 m) | 05 No. | Storage yard | March 24, 2015 |
| 1.3 | Ring (D=1.0 m , H=0.5 m) | 06 No. | Storage yard | March 24, 2015 |
| 1.3 | Ring (D=1.0 m , H=0.4 m) | 06 No. | Storage yard | March 24, 2015 |
| 1.3 | Ring (D=1.0 m , H=0.30 m) | 06 No. | Storage yard | March 24, 2015 |
| 1.8 | Ring (D=0.80 m , H=0.30 m) | 18 No. | Storage yard | March 24, 2015 |
| 1.8 | Base (D=0.80 m , H=0.80 m) | 07 No. | Storage yard | March 24, 2015 |
| 1.8 | Cover Slab (t = 0.2 m , D=0.80 m) | 11 No. | Storage yard | March 24, 2015 |
| N/A | Slag Cement | 2100 Kg | Storage yard | March 25, 2015 |
| 5.00 | Manholes Covers 600 mm | 170 | Storage yard | March 26, 2015 |
| 1.3 | Manhole Base (D=1.0m , 0.80m) | 20 | Storage yard | March 26, 2015 |
| 1.3 | Manhole Slab (D=1.0m , 0.20m) | 20 | Storage yard | March 26, 2015 |
| 1.3 | Manhole Ring (D=1.0m , 0.50m) | 1 | Storage yard | March 26, 2015 |
| 1.3 | Manhole Ring (D=1.0m , 0.50m) | 2 | Storage yard | March 26, 2015 |
| N/A | Geotextile | 9000 Sq.M | Storage Yard | March 26, 2015 |
| N/A | Slag Cement | 2 Ton | Storage yard | March 26, 2015 |
| 1.8 | Manhole Base (D=0.80 m 0.80m) | 07 No. | Storage yard | March 28, 2015 |
| 1.8 | Manhole Slab (D=0.80 m , 0.20m) | 07 No. | Storage yard | March 28, 2015 |
| 1.8 | Manhole Ring (D=0.80 m , 0.30m) | 07 No. | Storage yard | March 28, 2015 |
| 1.3 | Manhole Ring (D=1.0m , 0.50m) | 01 No. | Storage yard | March 28, 2015 |

| Item | Description | Quantity | Location | Date |
|------|-------------------------------------|----------|--------------|----------------|
| 1.3 | Manhole Ring (D=1.0m , 0.40m) | 08 No. | Storage yard | March 28, 2015 |
| 1.3 | Manhole Ring (D=1.0m , 0.30m) | 04 No. | Storage yard | March 28, 2015 |
| 1.8 | Base (D=0.80 m , H=0.80 m) | 25 No. | Storage yard | March 30, 2015 |
| 1.8 | Cover Slab (t = 0.2 m , D=0.80 m) | 25 No. | Storage yard | March 30, 2015 |
| 1.8 | Ring (D=1.0 m , H=1.0 m) | 11 No. | Storage yard | March 30, 2015 |
| N/A | Slag Cement | 2 Ton | Storage yard | March 30, 2015 |
| 2.1 | u-PVC Pipes 8" | 120 No. | Storage yard | March 30, 2015 |
| 2.1 | Gaskets rubber for 8" Pipes | 120 No. | Storage yard | March 30, 2015 |
| 1.8 | Base (D=0.80 m , H=0.80 m) | 05 No. | Storage yard | March 31, 2015 |
| 1.8 | Cover Slab (t = 0.2 m , D=0.80 m) | 07 No. | Storage yard | March 31, 2015 |
| 1.8 | Ring (D=0.80 m , H=0.30 m) | 11 No. | Storage yard | March 31, 2015 |
| 1.3 | Base (D=1.0 m , H=0.80 m) | 03 No. | Storage yard | March 31, 2015 |
| 1.3 | Cover Slab (t = 0.2 m , D=1.0 m) | 03 No. | Storage yard | March 31, 2015 |
| 1.3 | Ring (D=1.0 m , H=0.40 m) | 29 No. | Storage yard | March 31, 2015 |
| 1.3 | Ring (D=1.0 m , H=0.50 m) | 01 No. | Storage yard | March 31, 2015 |
| 2.1 | u-PVC Pipes 8" | 60 No. | Storage yard | March 31, 2015 |
| 2.1 | Gaskets rubber for 8" Pipes | 60 No. | Storage yard | March 31, 2015 |
| N/A | Renderoc HS Xtra | 30 bag | Storage yard | March 31, 2015 |

Besides the above, all required quantities form bedding and backfilling material were delivered to the construction site.

Equipment on Site:

| Description | Quantity | Hours | Idle Qty | Date |
|-------------------------------|----------|-------|----------|----------------|
| CAT 950H - 2008 | 1 | 10 | 1 | March 01, 2015 |
| JCB 3CX – 2008 | 1 | 13 | 0 | March 01, 2015 |
| JCB CAT 428E – 2011 | 1 | 13 | 0 | March 01, 2015 |
| Truck Volvo Tipper – 2005 | 2 | 26 | 0 | March 01, 2015 |
| Truck Volvo 2002 | 1 | 13 | 0 | March 01, 2015 |
| Wheel Excavator – Doosan 2014 | 2 | 26 | 0 | March 01, 2015 |
| GPS Trimble R8 | 1 | 10 | 2 | March 01, 2015 |
| Level | 2 | 22 | 1 | March 01, 2015 |
| Disc Grinder | 1 | 13 | 0 | March 01, 2015 |
| Saw Cut Machine | 0 | 0 | 3 | March 01, 2015 |
| Jack Hummer | 0 | 0 | 2 | March 01, 2015 |
| Core Machine | 1 | 0 | 0 | March 01, 2015 |
| Theodolite | 0 | 0 | 2 | March 01, 2015 |
| Lighting Tower | 1 | 5 | 0 | March 01, 2015 |
| Bob CAT | 2 | 26 | 0 | March 01, 2015 |
| Water Tank 4 m3 | 1 | 4 | 0 | March 01, 2015 |
| Plate Compactor | 1 | 6 | 0 | March 01, 2015 |
| Generator 3KVA | 2 | 26 | 0 | March 01, 2015 |
| Roller 60 cm | 1 | 13 | 0 | March 01, 2015 |
| CAT 950H - 2008 | 1 | 10 | 1 | March 02, 2015 |
| JCB 3CX – 2008 | 1 | 12 | 0 | March 02, 2015 |
| JCB CAT 428E – 2011 | 1 | 12 | 0 | March 02, 2015 |
| Truck Volvo Tipper – 2005 | 2 | 24 | 0 | March 02, 2015 |
| Truck Volvo 2002 | 1 | 12 | 0 | March 02, 2015 |
| Wheel Excavator – Doosan 2014 | 2 | 24 | 0 | March 02, 2015 |
| GPS Trimble R8 | 1 | 10 | 2 | March 02, 2015 |
| Level | 2 | 20 | 1 | March 02, 2015 |
| Disc Grinder | 1 | 12 | 0 | March 02, 2015 |
| Saw Cut Machine | 0 | 0 | 3 | March 02, 2015 |
| Jack Hummer | 0 | 0 | 2 | March 02, 2015 |
| Core Machine | 1 | 10 | 0 | March 02, 2015 |
| Theodolite | 0 | 0 | 2 | March 02, 2015 |
| Lighting Tower | 1 | 3 | 0 | March 02, 2015 |
| Bob CAT | 2 | 24 | 0 | March 02, 2015 |
| Water Tank 4 m3 | 1 | 4 | 0 | March 02, 2015 |
| Plate Compactor | 1 | 24 | 0 | March 02, 2015 |
| Generator 3KVA | 2 | 24 | 0 | March 02, 2015 |
| Roller 60 cm | 1 | 12 | 0 | March 02, 2015 |
| CAT 950H - 2008 | 1 | 10 | 1 | March 03, 2015 |
| JCB 3CX – 2008 | 1 | 12 | 0 | March 03, 2015 |
| JCB CAT 428E – 2011 | 1 | 12 | 0 | March 03, 2015 |
| Truck Volvo Tipper – 2005 | 2 | 24 | 0 | March 03, 2015 |
| Truck Volvo 2002 | 1 | 12 | 0 | March 03, 2015 |
| Wheel Excavator – Doosan 2014 | 2 | 24 | 0 | March 03, 2015 |
| GPS Trimble R8 | 1 | 10 | 2 | March 03, 2015 |

| Description | Quantity | Hours | Idle Qty | Date |
|-------------------------------|----------|-------|----------|----------------|
| Level | 2 | 20 | 1 | March 03, 2015 |
| Disc Grinder | 1 | 12 | 0 | March 03, 2015 |
| Saw Cut Machine | 0 | 0 | 3 | March 03, 2015 |
| Jack Hummer | 0 | 0 | 2 | March 03, 2015 |
| Core Machine | 1 | 10 | 0 | March 03, 2015 |
| Theodolite | 0 | 0 | 2 | March 03, 2015 |
| Lighting Tower | 1 | 3 | 0 | March 03, 2015 |
| Bob CAT | 2 | 24 | 0 | March 03, 2015 |
| Water Tank 4 m3 | 1 | 4 | 0 | March 03, 2015 |
| Plate Compactor | 1 | 6 | 0 | March 03, 2015 |
| Generator 3KVA | 2 | 24 | 0 | March 03, 2015 |
| Roller 60 cm | 1 | 12 | 0 | March 03, 2015 |
| CAT 950H - 2008 | 1 | 10 | 1 | March 04, 2015 |
| JCB 3CX – 2008 | 1 | 12 | 0 | March 04, 2015 |
| JCB CAT 428E – 2011 | 1 | 12 | 0 | March 04, 2015 |
| Truck Volvo Tipper – 2005 | 2 | 24 | 0 | March 04, 2015 |
| Truck Volvo 2002 | 1 | 12 | 0 | March 04, 2015 |
| Wheel Excavator – Doosan 2014 | 2 | 24 | 0 | March 04, 2015 |
| GPS Trimble R8 | 1 | 10 | 2 | March 04, 2015 |
| Level | 2 | 20 | 1 | March 04, 2015 |
| Disc Grinder | 1 | 12 | 0 | March 04, 2015 |
| Saw Cut Machine | 0 | 0 | 3 | March 04, 2015 |
| Jack Hummer | 0 | 0 | 2 | March 04, 2015 |
| Core Machine | 1 | 0 | 0 | March 04, 2015 |
| Theodolite | 0 | 0 | 2 | March 04, 2015 |
| Lighting Tower | 1 | 3 | 0 | March 04, 2015 |
| Bob CAT | 2 | 24 | 0 | March 04, 2015 |
| Water Tank 4 m3 | 1 | 4 | 0 | March 04, 2015 |
| Plate Compactor | 1 | 6 | 0 | March 04, 2015 |
| Generator 3KVA | 2 | 24 | 0 | March 04, 2015 |
| Roller 60 cm | 1 | 12 | 0 | March 04, 2015 |
| CAT 950H - 2008 | 1 | 10 | 1 | March 05, 2015 |
| JCB 3CX – 2008 | 1 | 12 | 0 | March 05, 2015 |
| JCB CAT 428E – 2011 | 1 | 12 | 0 | March 05, 2015 |
| Truck Volvo Tipper – 2005 | 2 | 24 | 0 | March 05, 2015 |
| Truck Volvo 2002 | 1 | 12 | 0 | March 05, 2015 |
| Wheel Excavator – Doosan 2014 | 2 | 24 | 0 | March 05, 2015 |
| GPS Trimble R8 | 1 | 10 | 2 | March 05, 2015 |
| Level | 2 | 20 | 1 | March 05, 2015 |
| Disc Grinder | 1 | 12 | 0 | March 05, 2015 |
| Saw Cut Machine | 2 | 6 | 1 | March 05, 2015 |
| Jack Hummer | 0 | 0 | 2 | March 05, 2015 |
| Core Machine | 1 | 5 | 0 | March 05, 2015 |
| Theodolite | 0 | 0 | 2 | March 05, 2015 |
| Lighting Tower | 1 | 3 | 0 | March 05, 2015 |
| Bob CAT | 2 | 24 | 0 | March 05, 2015 |

| Description | Quantity | Hours | Idle Qty | Date |
|-------------------------------|----------|-------|----------|----------------|
| Water Tank 4 m3 | 1 | 4 | 0 | March 05, 2015 |
| Plate Compactor | 1 | 12 | 0 | March 05, 2015 |
| Generator 3KVA | 2 | 24 | 0 | March 05, 2015 |
| Roller 60 cm | 1 | 12 | 0 | March 05, 2015 |
| CAT 950H - 2008 | 0 | 0 | 1 | March 06, 2015 |
| JCB 3CX – 2008 | 0 | 0 | 1 | March 06, 2015 |
| JCB CAT 428E – 2011 | 0 | 0 | 1 | March 06, 2015 |
| Truck Volvo Tipper – 2005 | 0 | 0 | 2 | March 06, 2015 |
| Truck Volvo 2002 | 0 | 0 | 1 | March 06, 2015 |
| GPS Trimble R8 | 0 | 0 | 1 | March 06, 2015 |
| Level | 0 | 0 | 3 | March 06, 2015 |
| Disc Grinder | 0 | 0 | 1 | March 06, 2015 |
| Saw Cut Machine | 0 | 0 | 3 | March 06, 2015 |
| Jack Hummer | 0 | 0 | 2 | March 06, 2015 |
| Core Machine | 0 | 0 | 1 | March 06, 2015 |
| Theodolite | 0 | 0 | 2 | March 06, 2015 |
| Lighting Tower | 0 | 0 | 1 | March 06, 2015 |
| Bob CAT | 0 | 0 | 2 | March 06, 2015 |
| Water Tank 4 m3 | 0 | 0 | 0 | March 06, 2015 |
| Plate Compactor | 0 | 0 | 1 | March 06, 2015 |
| Generator 3KVA | 0 | 0 | 2 | March 06, 2015 |
| CAT 950H - 2008 | 1 | 11 | 0 | March 07, 2015 |
| JCB 3CX – 2008 | 1 | 12 | 0 | March 07, 2015 |
| JCB CAT 428E – 2011 | 1 | 12 | 0 | March 07, 2015 |
| Truck Volvo Tipper – 2005 | 2 | 24 | 0 | March 07, 2015 |
| Truck Volvo 2002 | 1 | 12 | 0 | March 07, 2015 |
| Wheel Excavator – Doosan 2014 | 2 | 24 | 0 | March 07, 2015 |
| GPS Trimble R8 | 1 | 10 | 2 | March 07, 2015 |
| Level | 2 | 20 | 1 | March 07, 2015 |
| Disc Grinder | 1 | 12 | 0 | March 07, 2015 |
| Saw Cut Machine | 0 | 0 | 3 | March 07, 2015 |
| Jack Hummer | 0 | 0 | 2 | March 07, 2015 |
| Core Machine | 1 | 5 | 0 | March 07, 2015 |
| Theodolite | 0 | 0 | 2 | March 07, 2015 |
| Lighting Tower | 1 | 3 | 0 | March 07, 2015 |
| Bob CAT | 2 | 24 | 0 | March 07, 2015 |
| Water Tank 4 m3 | 1 | 3 | 0 | March 07, 2015 |
| Plate Compactor | 1 | 3 | 0 | March 07, 2015 |
| Generator 3KVA | 2 | 24 | 0 | March 07, 2015 |
| Roller 60 cm | 0 | 0 | 1 | March 07, 2015 |
| CAT 950H - 2008 | 1 | 11 | 0 | March 08, 2015 |
| JCB 3CX – 2008 | 1 | 12 | 0 | March 08, 2015 |
| JCB CAT 428E – 2011 | 1 | 12 | 0 | March 08, 2015 |
| Truck Volvo Tipper – 2005 | 2 | 24 | 0 | March 08, 2015 |
| Truck Volvo Tipper – 2005 | 2 | 24 | 0 | March 08, 2015 |
| Truck Volvo 2002 | 1 | 12 | 0 | March 08, 2015 |

| Description | Quantity | Hours | Idle Qty | Date |
|-------------------------------|----------|-------|----------|----------------|
| Wheel Excavator – Doosan 2014 | 2 | 18 | 0 | March 08, 2015 |
| GPS Trimble R8 | 1 | 10 | 2 | March 08, 2015 |
| Level | 2 | 20 | 1 | March 08, 2015 |
| Disc Grinder | 1 | 12 | 0 | March 08, 2015 |
| Saw Cut Machine | 0 | 0 | 3 | March 08, 2015 |
| Jack Hummer | 0 | 0 | 2 | March 08, 2015 |
| Core Machine | 1 | 5 | 0 | March 08, 2015 |
| Theodolite | 0 | 0 | 2 | March 08, 2015 |
| Lighting Tower | 1 | 3 | 0 | March 08, 2015 |
| Bob CAT | 2 | 24 | 0 | March 08, 2015 |
| Water Tank 4 m3 | 1 | 3 | 0 | March 08, 2015 |
| Plate Compactor | 1 | 3 | 0 | March 08, 2015 |
| Generator 3KVA | 2 | 24 | 0 | March 08, 2015 |
| Roller 60 cm | 0 | 0 | 1 | March 08, 2015 |
| CAT 950H - 2008 | 1 | 11 | 0 | March 09, 2015 |
| JCB 3CX – 2008 | 1 | 12 | 0 | March 09, 2015 |
| JCB CAT 428E – 2011 | 1 | 12 | 0 | March 09, 2015 |
| Truck Volvo Tipper – 2005 | 2 | 24 | 0 | March 09, 2015 |
| Truck Volvo 2002 | 1 | 12 | 0 | March 09, 2015 |
| Wheel Excavator – Doosan 2014 | 2 | 24 | 0 | March 09, 2015 |
| GPS Trimble R8 | 1 | 10 | 2 | March 09, 2015 |
| Level | 2 | 20 | 1 | March 09, 2015 |
| Disc Grinder | 1 | 12 | 0 | March 09, 2015 |
| Saw Cut Machine | 0 | 0 | 3 | March 09, 2015 |
| Jack Hummer | 0 | 0 | 2 | March 09, 2015 |
| Core Machine | 1 | 5 | 0 | March 09, 2015 |
| Theodolite | 0 | 0 | 2 | March 09, 2015 |
| Lighting Tower | 1 | 3 | 0 | March 09, 2015 |
| Bob CAT | 2 | 24 | 0 | March 09, 2015 |
| Water Tank 4 m3 | 1 | 3 | 0 | March 09, 2015 |
| Plate Compactor | 1 | 3 | 0 | March 09, 2015 |
| Generator 3KVA | 2 | 24 | 0 | March 09, 2015 |
| Roller 60 cm | 0 | 0 | 1 | March 09, 2015 |
| CAT 950H - 2008 | 1 | 11 | 0 | March 10, 2015 |
| JCB 3CX – 2008 | 1 | 12 | 0 | March 10, 2015 |
| JCB CAT 428E – 2011 | 1 | 12 | 0 | March 10, 2015 |
| Truck Volvo Tipper – 2005 | 2 | 24 | 0 | March 10, 2015 |
| Truck Volvo 2002 | 1 | 12 | 0 | March 10, 2015 |
| Wheel Excavator – Doosan 2014 | 2 | 24 | 0 | March 10, 2015 |
| GPS Trimble R8 | 1 | 10 | 2 | March 10, 2015 |
| Level | 2 | 20 | 1 | March 10, 2015 |
| Disc Grinder | 1 | 12 | 0 | March 10, 2015 |
| Saw Cut Machine | 0 | 0 | 3 | March 10, 2015 |
| Jack Hummer | 0 | 0 | 2 | March 10, 2015 |
| Core Machine | 1 | 5 | 0 | March 10, 2015 |
| Theodolite | 0 | 0 | 2 | March 10, 2015 |

| Description | Quantity | Hours | Idle Qty | Date |
|-------------------------------|----------|-------|----------|----------------|
| Lighting Tower | 1 | 3 | 0 | March 10, 2015 |
| Bob CAT | 2 | 24 | 0 | March 10, 2015 |
| Water Tank 4 m3 | 1 | 3 | 0 | March 10, 2015 |
| Plate Compactor | 1 | 3 | 0 | March 10, 2015 |
| Generator 3KVA | 2 | 24 | 0 | March 10, 2015 |
| Roller 60 cm | 0 | 0 | 1 | March 10, 2015 |
| CAT 950H - 2008 | 1 | 11 | 0 | March 11, 2015 |
| JCB 3CX – 2008 | 1 | 12 | 0 | March 11, 2015 |
| JCB CAT 428E – 2011 | 1 | 12 | 0 | March 11, 2015 |
| Truck Volvo Tipper – 2005 | 2 | 24 | 0 | March 11, 2015 |
| Truck Volvo 2002 | 1 | 12 | 0 | March 11, 2015 |
| Wheel Excavator – Doosan 2014 | 2 | 18 | 0 | March 11, 2015 |
| GPS Trimble R8 | 1 | 10 | 2 | March 11, 2015 |
| Level | 2 | 20 | 1 | March 11, 2015 |
| Disc Grinder | 1 | 12 | 0 | March 11, 2015 |
| Saw Cut Machine | 0 | 0 | 1 | March 11, 2015 |
| Jack Hummer | 0 | 0 | 2 | March 11, 2015 |
| Core Machine | 1 | 10 | 0 | March 11, 2015 |
| Theodolite | 0 | 0 | 2 | March 11, 2015 |
| Lighting Tower | 1 | 3 | 0 | March 11, 2015 |
| Bob CAT | 2 | 24 | 0 | March 11, 2015 |
| Water Tank 4 m3 | 1 | 3 | 0 | March 11, 2015 |
| Plate Compactor | 1 | 3 | 0 | March 11, 2015 |
| Generator 3KVA | 2 | 24 | 0 | March 11, 2015 |
| Roller 60 cm | 0 | 10 | 0 | March 11, 2015 |
| CAT 950H - 2008 | 0 | 0 | 1 | March 12, 2015 |
| JCB 3CX – 2008 | 0 | 0 | 1 | March 12, 2015 |
| JCB CAT 428E – 2011 | 0 | 0 | 1 | March 12, 2015 |
| Truck Volvo Tipper – 2005 | 0 | 0 | 2 | March 12, 2015 |
| Truck Volvo 2002 | 0 | 0 | 1 | March 12, 2015 |
| GPS Trimble R8 | 0 | 0 | 1 | March 12, 2015 |
| Level | 0 | 0 | 3 | March 12, 2015 |
| Disc Grinder | 0 | 0 | 1 | March 12, 2015 |
| Saw Cut Machine | 0 | 0 | 3 | March 12, 2015 |
| Jack Hummer | 0 | 0 | 2 | March 12, 2015 |
| Core Machine | 0 | 0 | 1 | March 12, 2015 |
| Theodolite | 0 | 0 | 2 | March 12, 2015 |
| Lighting Tower | 0 | 0 | 1 | March 12, 2015 |
| Bob CAT | 0 | 0 | 2 | March 12, 2015 |
| Water Tank 4 m3 | 0 | 0 | 0 | March 12, 2015 |
| Plate Compactor | 0 | 0 | 1 | March 12, 2015 |
| Generator 3KVA | 0 | 0 | 2 | March 12, 2015 |
| CAT 950H - 2008 | 0 | 0 | 1 | March 13, 2015 |
| JCB 3CX – 2008 | 0 | 0 | 1 | March 13, 2015 |
| JCB CAT 428E – 2011 | 0 | 0 | 1 | March 13, 2015 |
| Truck Volvo Tipper – 2005 | 0 | 0 | 2 | March 13, 2015 |

| Description | Quantity | Hours | Idle Qty | Date |
|-------------------------------|----------|-------|----------|----------------|
| Truck Volvo 2002 | 0 | 0 | 1 | March 13, 2015 |
| GPS Trimble R8 | 0 | 0 | 1 | March 13, 2015 |
| Level | 0 | 0 | 3 | March 13, 2015 |
| Disc Grinder | 0 | 0 | 1 | March 13, 2015 |
| Saw Cut Machine | 0 | 0 | 3 | March 13, 2015 |
| Jack Hummer | 0 | 0 | 2 | March 13, 2015 |
| Core Machine | 0 | 0 | 1 | March 13, 2015 |
| Theodolite | 0 | 0 | 2 | March 13, 2015 |
| Lighting Tower | 0 | 0 | 1 | March 13, 2015 |
| Bob CAT | 0 | 0 | 2 | March 13, 2015 |
| Water Tank 4 m3 | 0 | 0 | 0 | March 13, 2015 |
| Plate Compactor | 0 | 0 | 1 | March 13, 2015 |
| Generator 3KVA | 0 | 0 | 2 | March 13, 2015 |
| CAT 950H - 2008 | 1 | 11 | 0 | March 14, 2015 |
| JCB 3CX – 2008 | 1 | 12 | 0 | March 14, 2015 |
| JCB CAT 428E – 2011 | 1 | 12 | 0 | March 14, 2015 |
| Truck Volvo Tipper – 2005 | 2 | 24 | 0 | March 14, 2015 |
| Truck Volvo 2002 | 1 | 12 | 0 | March 14, 2015 |
| Wheel Excavator – Doosan 2014 | 2 | 18 | 0 | March 14, 2015 |
| GPS Trimble R8 | 1 | 10 | 2 | March 14, 2015 |
| Level | 2 | 20 | 1 | March 14, 2015 |
| Disc Grinder | 1 | 12 | 0 | March 14, 2015 |
| Saw Cut Machine | 0 | 0 | 3 | March 14, 2015 |
| Jack Hummer | 0 | 0 | 2 | March 14, 2015 |
| Core Machine | 1 | 5 | 0 | March 14, 2015 |
| Theodolite | 0 | 0 | 2 | March 14, 2015 |
| Lighting Tower | 1 | 3 | 0 | March 14, 2015 |
| Bob CAT | 2 | 24 | 0 | March 14, 2015 |
| Water Tank 4 m3 | 1 | 3 | 0 | March 14, 2015 |
| Plate Compactor | 1 | 3 | 0 | March 14, 2015 |
| Generator 3KVA | 2 | 24 | 0 | March 14, 2015 |
| Roller 60 cm | 0 | 0 | 1 | March 14, 2015 |
| CAT 950H - 2008 | 1 | 11 | 0 | March 15, 2015 |
| JCB 3CX – 2008 | 1 | 12 | 0 | March 15, 2015 |
| JCB CAT 428E – 2011 | 1 | 12 | 0 | March 15, 2015 |
| Truck Volvo Tipper – 2005 | 2 | 24 | 0 | March 15, 2015 |
| Truck Volvo 2002 | 1 | 12 | 0 | March 15, 2015 |
| Wheel Excavator – Doosan 2014 | 2 | 18 | 0 | March 15, 2015 |
| GPS Trimble R8 | 1 | 10 | 2 | March 15, 2015 |
| Level | 2 | 20 | 1 | March 15, 2015 |
| Disc Grinder | 1 | 12 | 0 | March 15, 2015 |
| Saw Cut Machine | 0 | 0 | 3 | March 15, 2015 |
| Jack Hummer | 0 | 0 | 2 | March 15, 2015 |
| Core Machine | 1 | 5 | 0 | March 15, 2015 |
| Theodolite | 0 | 0 | 2 | March 15, 2015 |
| Lighting Tower | 1 | 3 | 0 | March 15, 2015 |

| Description | Quantity | Hours | Idle Qty | Date |
|-------------------------------|----------|-------|----------|----------------|
| Bob CAT | 2 | 24 | 0 | March 15 2015 |
| Water Tank 4 m3 | 1 | 3 | 0 | March 15, 2015 |
| Plate Compactor | 1 | 3 | 0 | March 15, 2015 |
| Generator 3KVA | 2 | 24 | 0 | March 15, 2015 |
| Roller 60 cm | 0 | 0 | 1 | March 15, 2015 |
| CAT 950H - 2008 | 1 | 10 | 0 | March 16, 2015 |
| JCB 3CX – 2008 | 1 | 12 | 0 | March 16, 2015 |
| JCB CAT 428E – 2011 | 1 | 12 | 0 | March 16, 2015 |
| Truck Volvo Tipper – 2005 | 2 | 24 | 0 | March 16, 2015 |
| Truck Volvo 2002 | 1 | 12 | 0 | March 16, 2015 |
| Wheel Excavator – Doosan 2014 | 2 | 18 | 0 | March 16, 2015 |
| GPS Trimble R8 | 1 | 10 | 2 | March 16, 2015 |
| Level | 2 | 20 | 1 | March 16, 2015 |
| Disc Grinder | 1 | 12 | 0 | March 16, 2015 |
| Saw Cut Machine | 0 | 0 | 3 | March 16, 2015 |
| Jack Hummer | 0 | 0 | 2 | March 16, 2015 |
| Core Machine | 1 | 5 | 0 | March 16, 2015 |
| Theodolite | 0 | 0 | 2 | March 16, 2015 |
| Lighting Tower | 1 | 3 | 0 | March 16, 2015 |
| Bob CAT | 2 | 24 | 0 | March 16,2015 |
| Water Tank 4 m3 | 1 | 3 | 0 | March 16, 2015 |
| Plate Compactor | 1 | 3 | 0 | March 16, 2015 |
| Generator 3KVA | 2 | 24 | 0 | March 16, 2015 |
| Roller 60 cm | 0 | 0 | 1 | March 16, 2015 |
| CAT 950H - 2008 | 1 | 10 | 0 | March 17, 2015 |
| JCB 3CX – 2008 | 1 | 12 | 0 | March 17, 2015 |
| JCB CAT 428E – 2011 | 1 | 12 | 0 | March 17, 2015 |
| Truck Volvo Tipper – 2005 | 2 | 24 | 0 | March 17, 2015 |
| Truck Volvo 2002 | 1 | 12 | 0 | March 17, 2015 |
| Wheel Excavator – Doosan 2014 | 2 | 24 | 0 | March 17, 2015 |
| GPS Trimble R8 | 1 | 10 | 2 | March 17, 2015 |
| Level | 2 | 20 | 1 | March 17, 2015 |
| Disc Grinder | 1 | 12 | 0 | March 17, 2015 |
| Saw Cut Machine | 0 | 0 | 3 | March 17, 2015 |
| Jack Hummer | 0 | 0 | 2 | March 17, 2015 |
| Core Machine | 1 | 5 | 0 | March 17, 2015 |
| Theodolite | 0 | 0 | 2 | March 17, 2015 |
| Lighting Tower | 1 | 3 | 0 | March 17, 2015 |
| Bob CAT | 2 | 24 | 0 | March 17, 2015 |
| Water Tank 4 m3 | 1 | 3 | 0 | March 17, 2015 |
| Plate Compactor | 1 | 3 | 0 | March 17, 2015 |
| Generator 3KVA | 2 | 24 | 0 | March 17, 2015 |
| Roller 60 cm | 0 | 0 | 1 | March 17, 2015 |
| CAT 950H - 2008 | 1 | 10 | 0 | March 18, 2015 |
| JCB 3CX – 2008 | 1 | 12 | 0 | March 18, 2015 |
| JCB CAT 428E – 2011 | 1 | 12 | 0 | March 18, 2015 |

| Description | Quantity | Hours | Idle Qty | Date |
|-------------------------------|----------|-------|----------|----------------|
| Truck Volvo Tipper – 2005 | 2 | 24 | 0 | March 18, 2015 |
| Truck Volvo 2002 | 1 | 12 | 0 | March 18, 2015 |
| Wheel Excavator – Doosan 2014 | 2 | 24 | 0 | March 18, 2015 |
| GPS Trimble R8 | 1 | 10 | 2 | March 18, 2015 |
| Level | 2 | 20 | 1 | March 18, 2015 |
| Disc Grinder | 1 | 12 | 0 | March 18, 2015 |
| Saw Cut Machine | 0 | 0 | 3 | March 18, 2015 |
| Jack Hummer | 0 | 0 | 2 | March 18, 2015 |
| Core Machine | 1 | 5 | 0 | March 18, 2015 |
| Theodolite | 0 | 0 | 2 | March 18, 2015 |
| Lighting Tower | 1 | 3 | 0 | March 18, 2015 |
| Bob CAT | 2 | 24 | 0 | March 18, 2015 |
| Water Tank 4 m3 | 1 | 3 | 0 | March 18, 2015 |
| Plate Compactor | 1 | 3 | 0 | March 18, 2015 |
| Generator 3KVA | 2 | 24 | 0 | March 18, 2015 |
| Roller 60 cm | 0 | 0 | 1 | March 18, 2015 |
| CAT 950H - 2008 | 1 | 10 | 0 | March 19, 2015 |
| JCB 3CX – 2008 | 1 | 12 | 0 | March 19, 2015 |
| JCB CAT 428E – 2011 | 1 | 12 | 0 | March 19, 2015 |
| Truck Volvo Tipper – 2005 | 2 | 24 | 0 | March 19, 2015 |
| Truck Volvo 2002 | 1 | 12 | 0 | March 19, 2015 |
| Wheel Excavator – Doosan 2014 | 2 | 24 | 0 | March 19, 2015 |
| GPS Trimble R8 | 1 | 10 | 2 | March 19, 2015 |
| Level | 2 | 20 | 1 | March 19, 2015 |
| Disc Grinder | 1 | 12 | 0 | March 19, 2015 |
| Saw Cut Machine | 0 | 0 | 3 | March 19, 2015 |
| Jack Hummer | 0 | 0 | 2 | March 19, 2015 |
| Core Machine | 1 | 5 | 0 | March 19, 2015 |
| Theodolite | 0 | 0 | 2 | March 19, 2015 |
| Lighting Tower | 1 | 3 | 0 | March 19, 2015 |
| Bob CAT | 2 | 24 | 0 | March 19, 2015 |
| Water Tank 4 m3 | 1 | 3 | 0 | March 19, 2015 |
| Plate Compactor | 1 | 3 | 0 | March 19, 2015 |
| Generator 3KVA | 2 | 24 | 0 | March 19, 2015 |
| Roller 60 cm | 0 | 0 | 1 | March 19, 2015 |
| CAT 950H - 2008 | 0 | 0 | 1 | March 20, 2015 |
| JCB 3CX – 2008 | 0 | 0 | 1 | March 20, 2015 |
| JCB CAT 428E – 2011 | 0 | 0 | 1 | March 20, 2015 |
| Truck Volvo Tipper – 2005 | 0 | 0 | 2 | March 20, 2015 |
| Truck Volvo 2002 | 0 | 0 | 1 | March 20, 2015 |
| GPS Trimble R8 | 0 | 0 | 1 | March 20, 2015 |
| Level | 0 | 0 | 3 | March 20, 2015 |
| Disc Grinder | 0 | 0 | 1 | March 20, 2015 |
| Saw Cut Machine | 0 | 0 | 3 | March 20, 2015 |
| Jack Hummer | 0 | 0 | 2 | March 20, 2015 |
| Core Machine | 0 | 0 | 1 | March 20, 2015 |

| Description | Quantity | Hours | Idle Qty | Date |
|-------------------------------|----------|-------|----------|----------------|
| Theodolite | 0 | 0 | 2 | March 20, 2015 |
| Lighting Tower | 0 | 0 | 1 | March 20, 2015 |
| Bob CAT | 0 | 0 | 2 | March 20, 2015 |
| Water Tank 4 m3 | 0 | 0 | 0 | March 20, 2015 |
| Plate Compactor | 0 | 0 | 1 | March 20, 2015 |
| Generator 3KVA | 0 | 0 | 1 | March 20, 2015 |
| CAT 950H - 2008 | 1 | 10 | 0 | March 21, 2015 |
| JCB 3CX – 2008 | 1 | 12 | 0 | March 21, 2015 |
| JCB CAT 428E – 2011 | 1 | 12 | 0 | March 21, 2015 |
| Truck Volvo Tipper – 2005 | 2 | 24 | 0 | March 21, 2015 |
| Truck Volvo 2002 | 1 | 12 | 0 | March 21, 2015 |
| Wheel Excavator – Doosan 2014 | 2 | 24 | 0 | March 21, 2015 |
| GPS Trimble R8 | 1 | 10 | 2 | March 21, 2015 |
| Level | 2 | 20 | 1 | March 21, 2015 |
| Disc Grinder | 1 | 12 | 0 | March 21, 2015 |
| Saw Cut Machine | 0 | 0 | 3 | March 21, 2015 |
| Jack Hummer | 0 | 0 | 2 | March 21, 2015 |
| Core Machine | 1 | 5 | 0 | March 21, 2015 |
| Theodolite | 0 | 0 | 2 | March 21, 2015 |
| Lighting Tower | 1 | 3 | 0 | March 21, 2015 |
| Bob CAT | 2 | 24 | 0 | March 21, 2015 |
| Water Tank 4 m3 | 1 | 3 | 0 | March 21, 2015 |
| Plate Compactor | 1 | 3 | 0 | March 21, 2015 |
| Generator 3KVA | 2 | 24 | 0 | March 21, 2015 |
| Roller 60 cm | 0 | 0 | 1 | March 21, 2015 |
| CAT 950H - 2008 | 1 | 10 | 0 | March 22, 2015 |
| JCB 3CX – 2008 | 1 | 12 | 0 | March 22, 2015 |
| JCB CAT 428E – 2011 | 1 | 12 | 0 | March 22, 2015 |
| Truck Volvo Tipper – 2005 | 2 | 24 | 0 | March 22, 2015 |
| Truck Volvo 2002 | 1 | 12 | 0 | March 22, 2015 |
| Wheel Excavator – Doosan 2014 | 2 | 24 | 0 | March 22, 2015 |
| GPS Trimble R8 | 1 | 10 | 2 | March 22, 2015 |
| Level | 2 | 20 | 1 | March 22, 2015 |
| Disc Grinder | 1 | 12 | 0 | March 22, 2015 |
| Saw Cut Machine | 0 | 0 | 3 | March 22, 2015 |
| Jack Hummer | 0 | 0 | 2 | March 22, 2015 |
| Core Machine | 1 | 5 | 0 | March 22, 2015 |
| Theodolite | 0 | 0 | 2 | March 22, 2015 |
| Lighting Tower | 1 | 3 | 0 | March 22, 2015 |
| Bob CAT | 2 | 24 | 0 | March 22, 2015 |
| Water Tank 4 m3 | 1 | 3 | 0 | March 22, 2015 |
| Plate Compactor | 1 | 3 | 0 | March 22, 2015 |
| Generator 3KVA | 2 | 24 | 0 | March 22, 2015 |
| Roller 60 cm | 0 | 0 | 1 | March 22, 2015 |
| CAT 950H - 2008 | 1 | 10 | 0 | March 23, 2015 |
| JCB 3CX – 2008 | 1 | 12 | 0 | March 23, 2015 |

| Description | Quantity | Hours | Idle Qty | Date |
|-------------------------------|----------|-------|----------|----------------|
| JCB CAT 428E – 2011 | 1 | 12 | 0 | March 23, 2015 |
| Truck Volvo Tipper – 2005 | 2 | 24 | 0 | March 23, 2015 |
| Truck Volvo 2002 | 1 | 12 | 0 | March 23, 2015 |
| Wheel Excavator – Doosan 2014 | 2 | 24 | 0 | March 23, 2015 |
| GPS Trimble R8 | 1 | 10 | 2 | March 23, 2015 |
| Level | 2 | 20 | 1 | March 23, 2015 |
| Disc Grinder | 1 | 12 | 0 | March 23, 2015 |
| Saw Cut Machine | 0 | 0 | 3 | March 23, 2015 |
| Jack Hummer | 0 | 0 | 2 | March 23, 2015 |
| Core Machine | 1 | 5 | 0 | March 23, 2015 |
| Theodolite | 0 | 0 | 2 | March 23, 2015 |
| Lighting Tower | 1 | 3 | 0 | March 23, 2015 |
| Bob CAT | 2 | 24 | 0 | March 23, 2015 |
| Water Tank 4 m3 | 1 | 3 | 0 | March 23, 2015 |
| Plate Compactor | 1 | 3 | 0 | March 23, 2015 |
| Generator 3KVA | 2 | 24 | 0 | March 23, 2015 |
| Roller 60 cm | 0 | 0 | 1 | March 23, 2015 |
| CAT 950H - 2008 | 1 | 10 | 0 | March 24, 2015 |
| JCB 3CX – 2008 | 1 | 12 | 0 | March 24, 2015 |
| JCB CAT 428E – 2011 | 1 | 12 | 0 | March 24, 2015 |
| Truck Volvo Tipper – 2005 | 2 | 24 | 0 | March 24, 2015 |
| Truck Volvo 2002 | 1 | 12 | 0 | March 24, 2015 |
| Wheel Excavator – Doosan 2014 | 2 | 24 | 0 | March 24, 2015 |
| GPS Trimble R8 | 1 | 10 | 2 | March 24, 2015 |
| Level | 2 | 20 | 1 | March 24, 2015 |
| Disc Grinder | 1 | 12 | 0 | March 24, 2015 |
| Saw Cut Machine | 0 | 0 | 3 | March 24, 2015 |
| Jack Hummer | 0 | 0 | 2 | March 24, 2015 |
| Core Machine | 1 | 5 | 0 | March 24, 2015 |
| Theodolite | 0 | 0 | 2 | March 24, 2015 |
| Lighting Tower | 1 | 3 | 0 | March 24, 2015 |
| Bob CAT | 2 | 24 | 0 | March 24, 2015 |
| Water Tank 4 m3 | 1 | 6 | 0 | March 24, 2015 |
| Plate Compactor | 1 | 3 | 0 | March 24, 2015 |
| Generator 3KVA | 2 | 24 | 0 | March 24, 2015 |
| Roller 60 cm | 0 | 0 | 1 | March 24, 2015 |
| CAT 950H - 2008 | 1 | 10 | 0 | March 25, 2015 |
| JCB 3CX – 2008 | 1 | 12 | 0 | March 25, 2015 |
| JCB CAT 428E – 2011 | 1 | 12 | 0 | March 25, 2015 |
| Truck Volvo Tipper – 2005 | 2 | 24 | 0 | March 25, 2015 |
| Truck Volvo 2002 | 1 | 12 | 0 | March 25, 2015 |
| Wheel Excavator – Doosan 2014 | 2 | 24 | 0 | March 25, 2015 |
| GPS Trimble R8 | 1 | 10 | 2 | March 25, 2015 |
| Level | 2 | 20 | 1 | March 25, 2015 |
| Disc Grinder | 1 | 12 | 0 | March 25, 2015 |
| Saw Cut Machine | 0 | 0 | 3 | March 25, 2015 |

| Description | Quantity | Hours | Idle Qty | Date |
|-------------------------------|----------|-------|----------|----------------|
| Jack Hummer | 0 | 0 | 2 | March 25, 2015 |
| Core Machine | 1 | 5 | 0 | March 25, 2015 |
| Theodolite | 0 | 0 | 2 | March 25, 2015 |
| Lighting Tower | 1 | 3 | 0 | March 25, 2015 |
| Bob CAT | 2 | 24 | 0 | March 25, 2015 |
| Water Tank 4 m3 | 1 | 6 | 0 | March 25, 2015 |
| Plate Compactor | 1 | 3 | 0 | March 25, 2015 |
| Generator 3KVA | 2 | 24 | 0 | March 25, 2015 |
| Roller 60 cm | 0 | 0 | 1 | March 25, 2015 |
| CAT 950H - 2008 | 1 | 11 | 0 | March 26, 2015 |
| JCB 3CX – 2008 | 1 | 13 | 0 | March 26, 2015 |
| JCB CAT 428E – 2011 | 1 | 13 | 0 | March 26, 2015 |
| Truck Volvo Tipper – 2005 | 2 | 26 | 0 | March 26, 2015 |
| Truck Volvo 2002 | 1 | 13 | 0 | March 26, 2015 |
| Wheel Excavator – Doosan 2014 | 2 | 26 | 0 | March 26, 2015 |
| GPS Trimble R8 | 1 | 10 | 2 | March 26, 2015 |
| Level | 2 | 24 | 1 | March 26, 2015 |
| Disc Grinder | 1 | 13 | 0 | March 26, 2015 |
| Saw Cut Machine | 0 | 0 | 3 | March 26, 2015 |
| Jack Hummer | 0 | 0 | 2 | March 26, 2015 |
| Core Machine | 1 | 5 | 0 | March 26, 2015 |
| Theodolite | 0 | 0 | 2 | March 26, 2015 |
| Lighting Tower | 1 | 4 | 0 | March 26, 2015 |
| Bob CAT | 2 | 26 | 0 | March 26, 2015 |
| Water Tank 4 m3 | 1 | 6 | 0 | March 26, 2015 |
| Plate Compactor | 1 | 3 | 0 | March 26, 2015 |
| Generator 3KVA | 2 | 26 | 0 | March 26, 2015 |
| Roller 60 cm | 0 | 0 | 1 | March 26, 2015 |
| CAT 950H - 2008 | 0 | 0 | 1 | March 27, 2015 |
| JCB 3CX – 2008 | 0 | 0 | 1 | March 27, 2015 |
| JCB CAT 428E – 2011 | 0 | 0 | 1 | March 27, 2015 |
| Truck Volvo Tipper – 2005 | 0 | 0 | 2 | March 27, 2015 |
| Truck Volvo 2002 | 0 | 0 | 1 | March 27, 2015 |
| GPS Trimble R8 | 0 | 0 | 1 | March 27, 2015 |
| Level | 0 | 0 | 3 | March 27, 2015 |
| Disc Grinder | 0 | 0 | 1 | March 27, 2015 |
| Saw Cut Machine | 0 | 0 | 3 | March 27, 2015 |
| Jack Hummer | 0 | 0 | 2 | March 27, 2015 |
| Core Machine | 0 | 0 | 1 | March 27, 2015 |
| Theodolite | 0 | 0 | 2 | March 27, 2015 |
| Lighting Tower | 0 | 0 | 1 | March 27, 2015 |
| Bob CAT | 0 | 0 | 2 | March 27, 2015 |
| Water Tank 4 m3 | 0 | 0 | 0 | March 27, 2015 |
| Plate Compactor | 0 | 0 | 1 | March 27, 2015 |
| Generator 3KVA | 0 | 0 | 2 | March 27, 2015 |
| CAT 950H - 2008 | 1 | 11 | 0 | March 28, 2015 |

| Description | Quantity | Hours | Idle Qty | Date |
|-------------------------------|----------|-------|----------|----------------|
| JCB 3CX – 2008 | 1 | 12 | 0 | March 28, 2015 |
| JCB CAT 428E – 2011 | 1 | 12 | 0 | March 28, 2015 |
| Truck Volvo Tipper – 2005 | 2 | 24 | 0 | March 28, 2015 |
| Truck Volvo 2002 | 1 | 12 | 0 | March 28, 2015 |
| Wheel Excavator – Doosan 2014 | 2 | 24 | 0 | March 28, 2015 |
| GPS Trimble R8 | 1 | 10 | 2 | March 28, 2015 |
| Level | 2 | 22 | 1 | March 28, 2015 |
| Disc Grinder | 1 | 12 | 0 | March 28, 2015 |
| Saw Cut Machine | 0 | 0 | 3 | March 28, 2015 |
| Jack Hummer | 0 | 0 | 2 | March 28, 2015 |
| Core Machine | 1 | 5 | 0 | March 28, 2015 |
| Theodolite | 0 | 0 | 2 | March 28, 2015 |
| Lighting Tower | 1 | 4 | 0 | March 28, 2015 |
| Bob CAT | 2 | 24 | 0 | March 28, 2015 |
| Water Tank 4 m3 | 1 | 6 | 0 | March 28, 2015 |
| Plate Compactor | 1 | 3 | 0 | March 28, 2015 |
| Generator 3KVA | 2 | 24 | 0 | March 28, 2015 |
| Roller 60 cm | 0 | 0 | 1 | March 28, 2015 |
| CAT 950H - 2008 | 1 | 11 | 0 | March 29, 2015 |
| JCB 3CX – 2008 | 1 | 12 | 0 | March 29, 2015 |
| JCB CAT 428E – 2011 | 1 | 12 | 0 | March 29, 2015 |
| Truck Volvo Tipper – 2005 | 2 | 24 | 0 | March 29, 2015 |
| Truck Volvo 2002 | 1 | 12 | 0 | March 29, 2015 |
| Wheel Excavator – Doosan 2014 | 2 | 24 | 0 | March 29, 2015 |
| GPS Trimble R8 | 1 | 10 | 2 | March 29, 2015 |
| Level | 2 | 24 | 1 | March 29, 2015 |
| Disc Grinder | 1 | 12 | 0 | March 29, 2015 |
| Saw Cut Machine | 0 | 0 | 3 | March 29, 2015 |
| Jack Hummer | 0 | 0 | 2 | March 29, 2015 |
| Core Machine | 1 | 5 | 0 | March 29, 2015 |
| Theodolite | 0 | 0 | 2 | March 29, 2015 |
| Lighting Tower | 1 | 4 | 0 | March 29, 2015 |
| Bob CAT | 2 | 24 | 0 | March 29, 2015 |
| Water Tank 4 m3 | 1 | 6 | 0 | March 29, 2015 |
| Plate Compactor | 1 | 3 | 0 | March 29, 2015 |
| Generator 3KVA | 2 | 24 | 0 | March 29, 2015 |
| Roller 60 cm | 0 | 0 | 1 | March 29, 2015 |
| CAT 950H - 2008 | 1 | 10 | 0 | March 30, 2015 |
| JCB 3CX – 2008 | 1 | 10 | 0 | March 30, 2015 |
| JCB CAT 428E – 2011 | 1 | 10 | 0 | March 30, 2015 |
| Truck Volvo Tipper – 2005 | 2 | 20 | 0 | March 30, 2015 |
| Truck Volvo 2002 | 1 | 10 | 0 | March 30, 2015 |
| Wheel Excavator – Doosan 2014 | 2 | 20 | 0 | March 30, 2015 |
| GPS Trimble R8 | 1 | 10 | 2 | March 30, 2015 |
| Level | 2 | 18 | 1 | March 30, 2015 |
| Disc Grinder | 1 | 10 | 0 | March 30, 2015 |

| Description | Quantity | Hours | Idle Qty | Date |
|-------------------------------|----------|-------|----------|----------------|
| Saw Cut Machine | 0 | 0 | 3 | March 30, 2015 |
| Jack Hummer | 0 | 0 | 2 | March 30, 2015 |
| Core Machine | 1 | 5 | 0 | March 30, 2015 |
| Theodolite | 0 | 0 | 2 | March 30, 2015 |
| Lighting Tower | 1 | 4 | 0 | March 30, 2015 |
| Bob CAT | 2 | 20 | 0 | March 30, 2015 |
| Water Tank 4 m3 | 1 | 6 | 0 | March 30, 2015 |
| Plate Compactor | 1 | 3 | 0 | March 30, 2015 |
| Generator 3KVA | 2 | 20 | 0 | March 30, 2015 |
| Roller 60 cm | 0 | 10 | 1 | March 30, 2015 |
| CAT 950H - 2008 | 1 | 10 | 0 | March 31, 2015 |
| JCB 3CX – 2008 | 1 | 10 | 0 | March 31, 2015 |
| JCB CAT 428E – 2011 | 1 | 10 | 0 | March 31, 2015 |
| Truck Volvo Tipper – 2005 | 2 | 20 | 0 | March 31, 2015 |
| Truck Volvo 2002 | 1 | 10 | 0 | March 31, 2015 |
| Wheel Excavator – Doosan 2014 | 2 | 20 | 0 | March 31, 2015 |
| GPS Trimble R8 | 1 | 10 | 2 | March 31, 2015 |
| Level | 2 | 18 | 1 | March 31, 2015 |
| Disc Grinder | 1 | 10 | 0 | March 31, 2015 |
| Saw Cut Machine | 0 | 0 | 3 | March 31, 2015 |
| Jack Hummer | 0 | 0 | 2 | March 31, 2015 |
| Core Machine | 1 | 5 | 0 | March 31, 2015 |
| Theodolite | 0 | 0 | 2 | March 31, 2015 |
| Lighting Tower | 1 | 4 | 0 | March 31, 2015 |
| Bob CAT | 2 | 20 | 0 | March 31, 2015 |
| Water Tank 4 m3 | 1 | 6 | 0 | March 31, 2015 |
| Plate Compactor | 1 | 3 | 0 | March 31, 2015 |
| Generator 3KVA | 2 | 20 | 0 | March 31, 2015 |
| Roller 60 cm | 1 | 10 | 1 | March 31, 2015 |

Annex B - Detailed Project Schedule

| Activity ID | Activity Name | Original Duration | Actual Start | Actual Finish | Total Float | Schedule % Complete | Performance % Complete | 2014 2015 | | | | | | | | | | | |
|---|---|-------------------|--------------|---------------|-------------|---------------------|------------------------|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | | | | | | | | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct |
| Update March- Jericho Collection System Expansion – Phase 1A Branch Sewers | | 264d | 07-Nov-14 | | 0d | 15.47% | 18.2% | | | | | | | | | | | | |
| Milestones | | 264d | 07-Nov-14 | | -15d | 0% | 0% | | | | | | | | | | | | |
| General Milestones | | 347d | 07-Nov-14 | | -17d | 0% | 0% | | | | | | | | | | | | |
| JCSI-A-001 | Notice to Proceed (NTP) | 0d | 07-Nov-14 | | | 100% | 100% | ◆ Notice to Proceed (NTP) | | | | | | | | | | | |
| JCSI-A-002 | Completion of Task Order | 0d | | | -17d | 0% | 0% | | | | | | | | | | | | |
| Intermediate Milestones | | 259d | 07-Nov-14 | | -15d | 0% | 0% | | | | | | | | | | | | |
| JCSI-IA-01 | Start of Mobilization | 0d | 07-Nov-14 | | | 100% | 100% | ◆ Start of Mobilization | | | | | | | | | | | |
| JCSI-IA-02 | Finish of Mobilization | 0d | | 05-Jan-15 | | 100% | 100% | ◆ Finish of Mobilization | | | | | | | | | | | |
| JCSI-IA-03 | Start of Pre-Construction Submittals | 0d | 13-Nov-14 | | | 100% | 100% | ◆ Start of Pre-Construction Subm... | | | | | | | | | | | |
| JCSI-IA-04 | Finish of Pre-Construction Submittals | 0d | | 02-Feb-15 | | 100% | 100% | ◆ Finish of Pre-Construction Sub... | | | | | | | | | | | |
| JCSI-IA-05 | Start of Construction Submittals | 0d | 18-Nov-14 | | | 100% | 100% | ◆ Start of Construction Submitta... | | | | | | | | | | | |
| JCSI-IA-06 | Finish of Construction Submittals | 0d | | | 150d | 100% | 0% | ◆ Finish of Construction Submitt... | | | | | | | | | | | |
| JCSI-IA-16 | Start of Construction (Ground Breaking) | 0d | 05-Feb-15 | | | 100% | 100% | ◆ Start of Construction (Ground ... | | | | | | | | | | | |
| JCSI-IA-26 | Finish of Construction | 0d | | | -16d | 0% | 0% | | | | | | | | | | | | |
| JCSI-MOB-21 | Project Duration | 249d | 07-Nov-14 | | -15d | 43.44% | 37.26% | | | | | | | | | | | | |
| PreConstruction Phase | | 43d | 07-Nov-14 | 03-Feb-15 | | 100% | 100% | ▼ 03-Feb-15 A, PreConstruction P... | | | | | | | | | | | |
| Mobilization | | 22d | 07-Nov-14 | 05-Jan-15 | | 100% | 100% | ▼ 05-Jan-15 A, Mobilization | | | | | | | | | | | |
| JCSI-MOB-01 | Pre-Construction Dilapidation Survey | 6d | 30-Nov-14 | 07-Dec-14 | | 100% | 100% | ■ Pre-Construction Dilapidation ... | | | | | | | | | | | |
| JCSI-MOB-02 | Provide, furnish and erect Temporary Project Signs | 5d | 07-Dec-14 | 15-Dec-14 | | 100% | 100% | ■ Provide, furnish and erect Tem... | | | | | | | | | | | |
| JCSI-MOB-03 | Supply and furnish Field Office Furniture and Miscellaneous | 4d | 27-Nov-14 | 15-Dec-14 | | 100% | 100% | ■ Supply and furnish Field Offic... | | | | | | | | | | | |
| JCSI-MOB-04 | Supply and install Field Office Computer Systems and IT Equipments | 7d | 27-Dec-14 | 29-Dec-14 | | 100% | 100% | ■ Supply and install Field Offic... | | | | | | | | | | | |
| JCSI-MOB-05 | Arrange for and erect Contractor's work and storage yards | 17d | 29-Nov-14 | 28-Dec-14 | | 100% | 100% | ■ Arrange for and erect Contract... | | | | | | | | | | | |
| JCSI-MOB-06 | Moving onto the Sites of all Plant and equipments | 3d | 29-Nov-14 | 31-Dec-14 | | 100% | 100% | ■ Moving onto the Sites of all P... | | | | | | | | | | | |
| JCSI-MOB-07 | Post OSHA-required notices and establish safety programs | 3d | 21-Dec-14 | 05-Jan-15 | | 100% | 100% | ■ Post OSHA-required notices and... | | | | | | | | | | | |
| JCSI-MOB-08 | Installation of Temporary Facilities as per section 01500 | 3d | 10-Dec-14 | 28-Dec-14 | | 100% | 100% | ■ Installation of Temporary Faci... | | | | | | | | | | | |
| JCSI-MOB-09 | Survey work | 15d | 22-Nov-14 | 05-Jan-15 | | 100% | 100% | ■ Survey work | | | | | | | | | | | |
| JCSI-MOB-11 | Mobilization summary | 22d | 07-Nov-14 | 05-Jan-15 | | 100% | 100% | ■ Mobilization summary | | | | | | | | | | | |
| PreConstruction Submittals | | 43d | 07-Nov-14 | 03-Feb-15 | | 0% | 0% | ▼ 03-Feb-15 A, PreConstruction S... | | | | | | | | | | | |
| JCSI-PC-SUB-01 | Preparation & Submit Copy of Bank Guarantee Certificates | 2d | 07-Nov-14 | 13-Nov-14 | | 100% | 100% | ■ Preparation & Submit Copy of B... | | | | | | | | | | | |
| JCSI-PC-SUB-01-R&A | Review & Approval of Bank Guarantee Certificates | 21d | 13-Nov-14 | 19-Nov-14 | | 100% | 100% | ■ Review & Approval of Bank Guar... | | | | | | | | | | | |
| JCSI-PC-SUB-02 | Preparation & Submit Scheduling Qualification Submittal | 4d | 07-Nov-14 | 13-Nov-14 | | 100% | 100% | ■ Preparation & Submit Scheduln... | | | | | | | | | | | |
| JCSI-PC-SUB-02-R&A | Review & Approval of Scheduling Qualification Submittal | 21d | 13-Nov-14 | 19-Nov-14 | | 100% | 100% | ■ Review & Approval of Schedulin... | | | | | | | | | | | |
| JCSI-PC-SUB-03 | Preparation & Submit Preliminary Progress Schedule (60 Day Plan of Operation) | 4d | 08-Nov-14 | 13-Nov-14 | | 100% | 100% | ■ Preparation & Submit Prelimina... | | | | | | | | | | | |
| JCSI-PC-SUB-03-R&A | Review & Approval of Preliminary Progress Schedule (60 Day Plan of Operation) | 21d | 13-Nov-14 | 20-Nov-14 | | 100% | 100% | ■ Review & Approval of Prelimina... | | | | | | | | | | | |
| JCSI-PC-SUB-04 | Preparation & Submit Submittals Schedule | 8d | 08-Nov-14 | 17-Nov-14 | | 100% | 100% | ■ Preparation & Submit Submittal... | | | | | | | | | | | |
| JCSI-PC-SUB-04-R&A | Review & Approval of Submittals Schedule | 21d | 17-Nov-14 | 25-Nov-14 | | 100% | 100% | ■ Review & Approval of Submittal... | | | | | | | | | | | |
| JCSI-PC-SUB-05 | Preparation & Submit Key Staff | 2d | 26-Nov-14 | 19-Jan-15 | | 100% | 100% | ■ Preparation & Submit Key Staff | | | | | | | | | | | |
| JCSI-PC-SUB-05-R&A | Review & Approval of Key Staff | 21d | 19-Jan-15 | 19-Jan-15 | | 100% | 100% | ■ Review & Approval of Key Staff | | | | | | | | | | | |
| JCSI-PC-SUB-06 | Preparation & Submit Project Temporary Signs | 2d | 20-Nov-14 | 25-Nov-14 | | 100% | 100% | ■ Preparation & Submit Project T... | | | | | | | | | | | |
| JCSI-PC-SUB-06-R&A | Review & Approval of Project Temporary Signs | 10d | 25-Nov-14 | 03-Dec-14 | | 100% | 100% | ■ Review & Approval of Project T... | | | | | | | | | | | |
| JCSI-PC-SUB-07 | Preparation & Submit Engineer's Field Office Location and Layout | 1d | 09-Nov-14 | 13-Nov-14 | | 100% | 100% | ■ Preparation & Submit Engineer'... | | | | | | | | | | | |
| JCSI-PC-SUB-07-R&A | Review & Approval of Engineer's Field Office Location and Layout | 6d | 13-Nov-14 | 20-Nov-14 | | 100% | 100% | ■ Review & Approval of Engineer'... | | | | | | | | | | | |
| JCSI-PC-SUB-08 | Preparation & Submit Field Office Furniture and Equipment Plan | 2d | 10-Nov-14 | 13-Nov-14 | | 100% | 100% | ■ Preparation & Submit Field Off... | | | | | | | | | | | |
| JCSI-PC-SUB-08-R&A | Review & Approval of Field Office Furniture and Equipment Plan | 10d | 13-Nov-14 | 19-Nov-14 | | 100% | 100% | ■ Review & Approval of Field Off... | | | | | | | | | | | |
| JCSI-PC-SUB-09 | Preparation & Submit Field Office Computer Systems and Miscellaneous | 2d | 09-Nov-14 | 13-Nov-14 | | 100% | 100% | ■ Preparation & Submit Field Off... | | | | | | | | | | | |
| JCSI-PC-SUB-09-R&A | Review & Approval of Field Office Computer Systems and Miscellaneous | 10d | 13-Nov-14 | 19-Nov-14 | | 100% | 100% | ■ Review & Approval of Field Off... | | | | | | | | | | | |
| JCSI-PC-SUB-10 | Preparation & Submit Quality Control Plan | 5d | 20-Nov-14 | 27-Nov-14 | | 100% | 100% | ■ Preparation & Submit Quality C... | | | | | | | | | | | |
| JCSI-PC-SUB-10-R&A | Review & Approval of Quality Control Plan | 21d | 27-Nov-14 | 29-Dec-14 | | 100% | 100% | ■ Review & Apprpval of Quality C... | | | | | | | | | | | |
| JCSI-PC-SUB-11 | Preparation & Submit Safety Plan | 5d | 25-Nov-14 | 07-Dec-14 | | 100% | 100% | ■ Preparation & Submit Safety Pl... | | | | | | | | | | | |
| JCSI-PC-SUB-11-R&A | Review & Approval of Safety Plan | 21d | 07-Dec-14 | 04-Jan-15 | | 100% | 100% | ■ Review & Approval of Safety Pl... | | | | | | | | | | | |

■ Actual Work ■ Critical Remaining Work ▼ Summary
■ Remaining Work ◆ Milestone

| Update March- Jericho Collection System Expansion – Phase 1A Branch Sewers | | Classic Schedule Layout - Resource | | | | | | 04-Apr-15 15:05 | | | | | | | | | | | | | | |
|--|---|------------------------------------|------------------|------------------|-------------|---------------------|------------------------|-----------------|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|--|--|
| Activity ID | Activity Name | Original Duration | Actual Start | Actual Finish | Total Float | Schedule % Complete | Performance % Complete | 2014 | | 2015 | | | | | | | | | | | | |
| | | | | | | | | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | | | |
| JCSI-PC-SUB-12a | Preparation & Submit Traffic Control Plan | 5d | 30-Nov-14 | 18-Dec-14 | | 100% | 100% | | | | | | | | | | | | | | | |
| JCSI-PC-SUB-12a-R&A | Review & Approval of Traffic Control Plan | 21d | 18-Dec-14 | 24-Dec-14 | | 100% | 100% | | | | | | | | | | | | | | | |
| JCSI-PC-SUB-13 | Preparation & Submit Environmental Monitoring and Mitigation Plan | 3d | 17-Nov-14 | 07-Dec-14 | | 100% | 100% | | | | | | | | | | | | | | | |
| JCSI-PC-SUB-13-R&A | Review & Approval of Environmental Monitoring and Mitigation Plan | 21d | 07-Dec-14 | 31-Dec-14 | | 100% | 100% | | | | | | | | | | | | | | | |
| JCSI-PC-SUB-14 | Preparation & Submit General Construction Method Statement | 5d | 25-Nov-14 | 09-Dec-14 | | 100% | 100% | | | | | | | | | | | | | | | |
| JCSI-PC-SUB-14-R&A | Review & Approval of General Construction Method Statement | 21d | 09-Dec-14 | 03-Feb-15 | | 100% | 100% | | | | | | | | | | | | | | | |
| JCSI-PC-SUB-15 | Preparation & Submit Original CPM Construction Schedule | 17d | 20-Nov-14 | 17-Dec-14 | | 100% | 100% | | | | | | | | | | | | | | | |
| JCSI-PC-SUB-15-R&A | Review & Approval of Original CPM Construction Schedule | 21d | 17-Dec-14 | 02-Feb-15 | | 100% | 100% | | | | | | | | | | | | | | | |
| JCSI-PC-SUB-16 | Preparation & Submit Construction Risk Management Program | 5d | 25-Nov-14 | 07-Dec-14 | | 100% | 100% | | | | | | | | | | | | | | | |
| JCSI-PC-SUB-16-R&A | Review & Approval of Construction Risk Management Program | 21d | 07-Dec-14 | 15-Jan-15 | | 100% | 100% | | | | | | | | | | | | | | | |
| JCSI-PC-SUB-17 | Preparation & Submit Dilapidation Survey | 5d | 30-Nov-14 | 08-Dec-14 | | 100% | 100% | | | | | | | | | | | | | | | |
| JCSI-PC-SUB-17-R&A | Review & Approval of Dilapidation Survey | 21d | 08-Dec-14 | 31-Dec-14 | | 100% | 100% | | | | | | | | | | | | | | | |
| JCSI-PC-SUB-18 | Preparation & Submit Sub-Contractor Profile | 2d | 26-Nov-14 | 01-Jan-15 | | 100% | 100% | | | | | | | | | | | | | | | |
| JCSI-PC-SUB-18-R&A | Review & Approval of Sub-Contractor Profile | 21d | 01-Jan-15 | 15-Jan-15 | | 100% | 100% | | | | | | | | | | | | | | | |
| JCSI-PC-SUB-19 | Preparation & Submit Insurances | 2d | 08-Nov-14 | 13-Nov-14 | | 100% | 100% | | | | | | | | | | | | | | | |
| JCSI-PC-SUB-19-R&A | Review & Approval of Insurances | 21d | 13-Nov-14 | 02-Dec-14 | | 100% | 100% | | | | | | | | | | | | | | | |
| JCSI-PC-SUB-20 | Preparation & Submit Lists of Permits and Licenses | 5d | 15-Nov-14 | 17-Nov-14 | | 100% | 100% | | | | | | | | | | | | | | | |
| JCSI-PC-SUB-20-R&A | Review & Approval of Lists of Permits and Licenses | 21d | 17-Nov-14 | 19-Nov-14 | | 100% | 100% | | | | | | | | | | | | | | | |
| JCSI-PC-SUB-21 | Preparation & Submit Dump Site | 5d | 17-Nov-14 | 24-Nov-14 | | 100% | 100% | | | | | | | | | | | | | | | |
| JCSI-PC-SUB-21-R&A | Review & Approval of Lists of Dump Site | 21d | 24-Nov-14 | 25-Nov-14 | | 100% | 100% | | | | | | | | | | | | | | | |
| JCSI-PC-SUB-22 | Preparation & Submit Storage Yard | 4d | 01-Dec-14 | 07-Dec-14 | | 100% | 100% | | | | | | | | | | | | | | | |
| JCSI-PC-SUB-22-R&A | Review & Approval of Storage Yard | 21d | 07-Dec-14 | 09-Dec-14 | | 100% | 100% | | | | | | | | | | | | | | | |
| JCSI-PC-SUB-23 | Preparation & Submit Trench Safety Plan | 3d | 13-Nov-14 | 18-Dec-14 | | 100% | 100% | | | | | | | | | | | | | | | |
| JCSI-PC-SUB-23-R&A | Review & Approval of Trench Safety Plan | 21d | 18-Dec-14 | 31-Dec-14 | | 100% | 100% | | | | | | | | | | | | | | | |
| JCSI-PC-SUB-24 | Preparation & Submit Testing Lab CV | 4d | 07-Dec-14 | 08-Dec-14 | | 100% | 100% | | | | | | | | | | | | | | | |
| JCSI-PC-SUB-24-R&A | Review & Approval of Testing Lab CV | 21d | 08-Dec-14 | 09-Dec-14 | | 100% | 100% | | | | | | | | | | | | | | | |
| Coordination and Permits | | 10d | 08-Nov-14 | 18-Dec-14 | | 0% | 0% | | | | | | | | | | | | | | | |
| JCSI-COR-01 | Receive Final for Construction Drawings | 1d | 09-Nov-14 | 09-Nov-14 | | 100% | 100% | | | | | | | | | | | | | | | |
| JCSI-COR-03 | Coordination with Local authorities and obtain required permits for start of construction | 10d | 08-Nov-14 | 18-Dec-14 | | 100% | 100% | | | | | | | | | | | | | | | |
| Construction Phase | | 252d | 08-Nov-14 | | 7d | 12.24% | 15.11% | | | | | | | | | | | | | | | |
| Construction Submittals | | 160d | 08-Nov-14 | | 83d | 0% | 0% | | | | | | | | | | | | | | | |
| Shopdrawing submittals | | 158d | 28-Dec-14 | | 87d | 0% | 0% | | | | | | | | | | | | | | | |
| Sewer Pipeline Shopdrawing Submittals | | 158d | 28-Dec-14 | | 87d | 0% | 0% | | | | | | | | | | | | | | | |
| JCSI-CS-01 | Prep. & Sub. Shop drawing for Alignment - 01 | 4d | 28-Dec-14 | 12-Jan-15 | | 100% | 100% | | | | | | | | | | | | | | | |
| JCSI-CS-01 R&A | Review & Approval of Shop drawing for Alignment - 01 | 21d | 12-Jan-15 | 14-Jan-15 | | 100% | 100% | | | | | | | | | | | | | | | |
| JCSI-CS-02 | Prep. & Sub. Shop drawing for Alignment - 02 | 4d | 14-Jan-15 | 20-Jan-15 | | 100% | 100% | | | | | | | | | | | | | | | |
| JCSI-CS-02 R&A | Review & Approval of Shop drawing for Alignment - 02 | 21d | 20-Jan-15 | 21-Jan-15 | | 100% | 100% | | | | | | | | | | | | | | | |
| JCSI-CS-03 | Prep. & Sub. Shop drawing for Alignment - 03 | 4d | 11-Jan-15 | 22-Jan-15 | | 100% | 100% | | | | | | | | | | | | | | | |
| JCSI-CS-03 R&A | Review & Approval of Shop drawing for Alignment - 03 | 21d | 22-Jan-15 | 27-Jan-15 | | 100% | 100% | | | | | | | | | | | | | | | |
| JCSI-CS-04 | Prep. & Sub. Shop drawing for Alignment - 04 | 4d | 11-Jan-15 | 22-Jan-15 | | 100% | 100% | | | | | | | | | | | | | | | |
| JCSI-CS-04 R&A | Review & Approval of Shop drawing for Alignment - 04 | 21d | 22-Jan-15 | 27-Jan-15 | | 100% | 100% | | | | | | | | | | | | | | | |
| JCSI-CS-05 | Prep. & Sub. Shop drawing for Alignment - 05, 06, 07 | 4d | 13-Jan-15 | 27-Jan-15 | | 100% | 100% | | | | | | | | | | | | | | | |
| JCSI-CS-05 R&A | Review & Approval of Shop drawing for Alignment - 05, 06, 07 | 21d | 27-Jan-15 | 04-Feb-15 | | 100% | 100% | | | | | | | | | | | | | | | |
| JCSI-CS-08 | Prep. & Sub. Shop drawing for Alignment - 08, 16 | 3d | 01-Feb-15 | 05-Feb-15 | | 100% | 100% | | | | | | | | | | | | | | | |
| JCSI-CS-08 R&A | Review & Approval of Shop drawing for Alignment - 08, 16 | 21d | 05-Feb-15 | 28-Feb-15 | | 100% | 100% | | | | | | | | | | | | | | | |
| JCSI-CS-09 | Prep. & Sub. Shop drawing for Alignment - 09, 10 | 3d | 28-Jan-15 | 01-Feb-15 | | 100% | 100% | | | | | | | | | | | | | | | |
| JCSI-CS-09 R&A | Review & Approval of Shop drawing for Alignment - 09, 10 | 21d | 01-Feb-15 | 10-Mar-15 | | 100% | 100% | | | | | | | | | | | | | | | |
| JCSI-CS-10 | Prep. & Sub. Shop drawing for Alignment - 12 | 3d | 28-Jan-15 | 01-Feb-15 | | 0% | 100% | | | | | | | | | | | | | | | |
| JCSI-CS-10 R&A | Review & Approval of Shop drawing for Alignment - 12 | 21d | 01-Feb-15 | 10-Mar-15 | | 0% | 100% | | | | | | | | | | | | | | | |
| JCSI-CS-11 | Prep. & Sub. Shop drawing for Alignment - 13, 15 | 5d | 22-Jan-15 | 25-Jan-15 | | 100% | 100% | | | | | | | | | | | | | | | |
| JCSI-CS-11 R&A | Review & Approval of Shop drawing for Alignment - 13, 15 | 21d | 25-Jan-15 | 04-Feb-15 | | 100% | 100% | | | | | | | | | | | | | | | |

■ Actual Work ■ Critical Remaining Work ▼ Summary
■ Remaining Work ◆ Milestone

| Activity ID | Activity Name | Original Duration | Actual Start | Actual Finish | Total Float | Schedule % Complete | Performance % Complete | 2014 | | | | | | | | | | | | | | |
|-----------------------|---|-------------------|------------------|---------------|-------------|---------------------|------------------------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|--|--|
| | | | | | | | | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | | | |
| JCSI-E-2305 | AH-05 Excavation, bedding, installation and backfilling of 6" House Connection and Connection F | 7d | 18-Mar-15 | 19-Mar-15 | | 100% | 100% | | | | | | | | | | | | | | | |
| JCSI-E-2310 | AM-05 Manhole Benching | 9d | 22-Mar-15 | 31-Mar-15 | | 100% | 100% | | | | | | | | | | | | | | | |
| JCSI-E-2315 | AM-05 Manhole Internal Lining | 12d | | | -14d | 100% | 0% | | | | | | | | | | | | | | | |
| JCSI-E-2316 | AM-05 Manhole Leakage Test | 8d | | | 102d | 100% | 0% | | | | | | | | | | | | | | | |
| JCSI-E-2320 | AM-05 Manhole opening and cover | 6d | | | 3d | 100% | 0% | | | | | | | | | | | | | | | |
| JCSI-E-2360 | AM-05 Trench Asphalt Restoration | 3d | 30-Mar-15 | | 46d | 0% | 30% | | | | | | | | | | | | | | | |
| Alignment - 06 | | 75d | 18-Feb-15 | | 92d | 44.27% | 44.27% | | | | | | | | | | | | | | | |
| JCSI-E-2325 | AL-06 Excavation, bedding, installation, testing and backfilling of 8" pipes and Manholes include E | 7d | 18-Feb-15 | 28-Feb-15 | | 100% | 100% | | | | | | | | | | | | | | | |
| JCSI-E-2330 | AH-06 Excavation, bedding, installation and backfilling of 6" House Connection and Connection F | 6d | 21-Mar-15 | 22-Mar-15 | | 100% | 100% | | | | | | | | | | | | | | | |
| JCSI-E-2335 | AM-06 Manhole Benching | 8d | | | -12d | 100% | 0% | | | | | | | | | | | | | | | |
| JCSI-E-2340 | AM-06 Manhole Internal Lining | 10d | | | -14d | 100% | 0% | | | | | | | | | | | | | | | |
| JCSI-E-2341 | AM-06 Manhole Leakage Test | 8d | | | 92d | 0% | 0% | | | | | | | | | | | | | | | |
| JCSI-E-2345 | AM-06 Manhole opening and cover | 6d | | | -1d | 0% | 0% | | | | | | | | | | | | | | | |
| JCSI-E-2370 | AM-06 Trench Asphalt Restoration | 3d | | | 13d | 0% | 0% | | | | | | | | | | | | | | | |
| Alignment - 07 | | 77d | 12-Feb-15 | | 83d | 39.12% | 39.12% | | | | | | | | | | | | | | | |
| JCSI-E-2350 | AL-07 Excavation, bedding, installation, testing and backfilling of 8" pipes and Manholes include I | 6d | 12-Feb-15 | 17-Feb-15 | | 100% | 100% | | | | | | | | | | | | | | | |
| JCSI-E-2355 | AH-07 Excavation, bedding, installation, testing and backfilling of 6" House Connection and Conr | 6d | 23-Mar-15 | 24-Mar-15 | | 100% | 100% | | | | | | | | | | | | | | | |
| JCSI-E-2365 | AM-07 Manhole Benching | 7d | | | -12d | 100% | 0% | | | | | | | | | | | | | | | |
| JCSI-E-2375 | AM-07 Manhole Internal Lining | 9d | | | -14d | 0% | 0% | | | | | | | | | | | | | | | |
| JCSI-E-2376 | AM-07 Manhole Leakage Test | 8d | | | 83d | 0% | 0% | | | | | | | | | | | | | | | |
| JCSI-E-2380 | AM-07 Manhole opening and cover | 6d | | | -5d | 0% | 0% | | | | | | | | | | | | | | | |
| JCSI-E-2425 | AM-07 Trench Asphalt Restoration | 3d | | | 6d | 0% | 0% | | | | | | | | | | | | | | | |
| Alignment - 13 | | 84d | 01-Mar-15 | | 75d | 42.5% | 42.5% | | | | | | | | | | | | | | | |
| JCSI-E-1055 | AL-13 Excavation, bedding, installation, testing and backfilling of 8" pipes and Manholes include E | 3d | 01-Mar-15 | 03-Mar-15 | | 100% | 100% | | | | | | | | | | | | | | | |
| JCSI-E-1065 | AH-13 Excavation, bedding, installation, testing and backfilling of 6" House Connection and Coni | 3d | 28-Mar-15 | 28-Mar-15 | | 100% | 100% | | | | | | | | | | | | | | | |
| JCSI-E-1075 | AM-13 Manhole Benching | 4d | | | -12d | 25% | 0% | | | | | | | | | | | | | | | |
| JCSI-E-1085 | AM-13 Manhole Internal Lining | 5d | | | -14d | 0% | 0% | | | | | | | | | | | | | | | |
| JCSI-E-1086 | AM-13 Manhole Leakage Test | 4d | | | 75d | 0% | 0% | | | | | | | | | | | | | | | |
| JCSI-E-1095 | AM-13 Manhole opening and cover | 3d | | | -10d | 0% | 0% | | | | | | | | | | | | | | | |
| JCSI-E-2480 | AM-13 Trench Asphalt Restoration | 3d | | | -3d | 0% | 0% | | | | | | | | | | | | | | | |
| Alignment - 15 | | 88d | 04-Mar-15 | | 69d | 41.44% | 41.44% | | | | | | | | | | | | | | | |
| JCSI-E-1105 | AL-15 Excavation, bedding, installation, testing and backfilling of 8" pipes and Manholes include E | 3d | 04-Mar-15 | 08-Mar-15 | | 100% | 100% | | | | | | | | | | | | | | | |
| JCSI-E-1115 | AH-15 Excavation, bedding, installation, testing and backfilling of 6" House Connection and Conr | 3d | 09-Mar-15 | 11-Mar-15 | | 100% | 100% | | | | | | | | | | | | | | | |
| JCSI-E-1125 | AM-15 Manhole Benching | 4d | | | -12d | 0% | 0% | | | | | | | | | | | | | | | |
| JCSI-E-1135 | AM-15 Manhole Internal Lining | 6d | | | -14d | 0% | 0% | | | | | | | | | | | | | | | |
| JCSI-E-1136 | AM-15 Manhole Leakage Test | 4d | | | 69d | 0% | 0% | | | | | | | | | | | | | | | |
| JCSI-E-1145 | AM-15 Manhole opening and cover | 4d | | | -12d | 0% | 0% | | | | | | | | | | | | | | | |
| JCSI-E-2235 | AM-15 Trench Asphalt Restoration | 3d | | | -6d | 0% | 0% | | | | | | | | | | | | | | | |
| Alignment - 43 | | 95d | 24-Feb-15 | | 48d | 41.26% | 41.26% | | | | | | | | | | | | | | | |
| JCSI-E-1955 | AL-43 Excavation, bedding, installation, testing and backfilling of 8" pipes and Manholes include I | 9d | 24-Feb-15 | 04-Mar-15 | | 100% | 100% | | | | | | | | | | | | | | | |
| JCSI-E-1960 | AH-43 Excavation, bedding, installation, testing and backfilling of 6" House Connection and Conr | 9d | 02-Mar-15 | 08-Mar-15 | | 100% | 100% | | | | | | | | | | | | | | | |
| JCSI-E-1965 | AM-43 Manhole Benching | 10d | | | -12d | 0% | 0% | | | | | | | | | | | | | | | |
| JCSI-E-1970 | AM-43 Manhole Internal Lining | 15d | | | -14d | 0% | 0% | | | | | | | | | | | | | | | |
| JCSI-E-1971 | AM-43 Manhole Leakage Test | 10d | | | 48d | 0% | 0% | | | | | | | | | | | | | | | |
| JCSI-E-1975 | AM-43 Manhole opening and cover | 9d | | | -14d | 0% | 0% | | | | | | | | | | | | | | | |
| JCSI-E-1980 | AM-43 Trench Asphalt Restoration | 4d | | | -14d | 0% | 0% | | | | | | | | | | | | | | | |
| Alignment - 54 | | 79d | 05-Mar-15 | | 80d | 50.65% | 36.68% | | | | | | | | | | | | | | | |
| JCSI-E-1985 | AL-54 Excavation, bedding, installation, testing and backfilling of 8" pipes and Manholes include E | 5d | 05-Mar-15 | 14-Mar-15 | | 100% | 100% | | | | | | | | | | | | | | | |
| JCSI-E-1990 | AH-54 Excavation, bedding, installation, testing and backfilling of 6" House Connection and Conr | 4d | 25-Mar-15 | 28-Mar-15 | | 100% | 100% | | | | | | | | | | | | | | | |
| JCSI-E-1995 | AM-54 Manhole Benching | 6d | | | -12d | 100% | 0% | | | | | | | | | | | | | | | |
| JCSI-E-2000 | AM-54 Manhole Internal Lining | 7d | | | -14d | 0% | 0% | | | | | | | | | | | | | | | |

■ Actual Work ■ Critical Remaining Work ▼ Summary
■ Remaining Work ◆ Milestone

Annex C - Progress S - Curve



USAID WEST BANK - GAZA - Local Construction Program (LCP)

CONTRACT NO. AID-294-I-13-00002

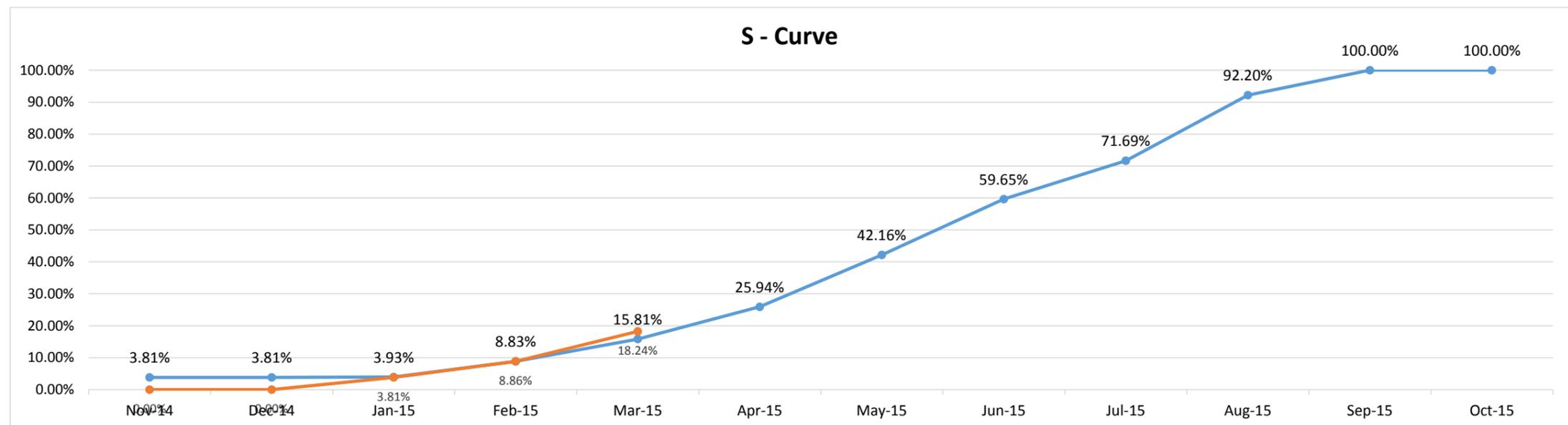
TASK ORDER NO. AID-294-TO-14-00002

Project 1, Ras Al Taweel & Al 'Uddeisa Water Infrastructure Phase 1A and AI Safi
Booster Station - Phase I Pipeline Connection



Progress S-Curve

| Date | Nov-14 | Dec-14 | Jan-15 | Feb-15 | Mar-15 | Apr-15 | May-15 | Jun-15 | Jul-15 | Aug-15 | Sep-15 | Oct-15 |
|------------------------------|---------------|---------------|---------------|---------------|---------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Planned Value | \$ 161,904.45 | \$ - | \$ 5,028.42 | \$ 208,390.63 | \$ 296,766.89 | \$ 430,146.14 | \$ 689,694.07 | \$ 743,158.18 | \$ 511,520.06 | \$ 871,868.75 | \$ 331,514.41 | \$ - |
| Planned Value (Accumulative) | \$ 161,904.45 | \$ 161,904.45 | \$ 166,932.87 | \$ 375,323.50 | \$ 672,090.39 | \$ 1,102,236.53 | \$ 1,791,930.60 | \$ 2,535,088.78 | \$ 3,046,608.84 | \$ 3,918,477.59 | \$ 4,249,992.00 | \$ 4,249,992.00 |
| Planned % | 3.81% | 0.00% | 0.12% | 4.90% | 6.98% | 10.12% | 16.23% | 17.49% | 12.04% | 20.51% | 7.80% | 0.00% |
| Planned % (Accumulative) | 3.81% | 3.81% | 3.93% | 8.83% | 15.81% | 25.94% | 42.16% | 59.65% | 71.69% | 92.20% | 100.00% | 100.00% |
| Actual Value | \$ - | \$ - | \$ 161,904.45 | \$ 214,619.05 | \$ 398,692.50 | | | | | | | |
| Actual Value (Accumulative) | \$ - | \$ - | \$ 161,904.45 | \$ 376,523.50 | \$ 775,216.00 | | | | | | | |
| Actual % | 0.00% | 0.00% | 3.81% | 5.05% | 9.38% | | | | | | | |
| Actual % (Accumulative) | 0.00% | 0.00% | 3.81% | 8.86% | 18.24% | | | | | | | |



| | |
|-------------------------|-----------------|
| Task Order Total Amount | \$ 4,462,836.00 |
| Daywork amount | \$ 220,000.00 |
| BOQ items amount | \$ 4,242,836.00 |
| Project Duration : | 360.00 |
| NTP Date: | 4-Nov-14 |

Annex D - Site Memos Log

Site Memo Log:**A. From Contractor to Engineer**

| SM No. | Subject | Date |
|--------------------------|------------------------------------|----------------|
| SM-14-00004-JCSI-C-E-004 | Reinforcement for precast manholes | March 5, 2015 |
| SM-14-00004-JCSI-C-E-005 | Base Course Quality | March 12, 2015 |

B. From Engineer to Contractor

None reported during the construction period

Annex E - Inspection Request Log

Inspection Requests Log:

| IR No. | Date submitted | Rev. | Description | Date Inspection Required | Actual Return Date | Status |
|---------------------------------|----------------------|--------------|---|--------------------------|----------------------|--------|
| IR-14-00004-JCSI-045 | 28-Feb-15 | B | Excavation for connection pits for alignment No. 01. | 1-Mar-15 | Retracted | |
| IR-14-00004-JCSI-045 | 14-Mar-15 | B | Excavation for connection pits for alignment No. 01. | 15-Mar-15 | 15-Mar-15 | A |
| IR-14-00004-JCSI-101 | 19-Mar-15 | B | Excavation, bedding, manhole installation, pipe installation, backfill, for Connection pits at alignment No. 06 . | 21-Mar-15 | 21-Mar-15 | A |
| IR-14-00004-JCSI-110 | 4-Mar-15 | A | Inspection of Materials on site – Reinforced Concrete Manholes | 4-Mar-15 | 4-Mar-15 | A |
| IR-14-00004-JCSI-111 | 28-Feb-15 | A | Implementing Safety Traffic Plan for alignment No. 43 for excavation work | 1-Mar-15 | 1-Mar-15 | A |
| IR-14-00004-JCSI-112 | 28-Feb-15 | A | Excavation, bedding, manhole installation, pipe installation, backfill, for alignment No. 43 from manhole (JCS-43-12). | 1-Mar-15 | 1-Mar-15 | A |
| IR-14-00004-JCSI-113 | 28-Feb-15 | A | Implementing Safety Traffic Plan for alignment No. 13 for excavation work | 1-Mar-15 | 1-Mar-15 | A |
| IR-14-00004-JCSI-114 | 28-Feb-15 | A | Excavation, bedding, manhole installation, pipe installation, backfill, for alignment No. 13 from manhole (JCS-13-Existing). | 1-Mar-15 | 1-Mar-15 | A |
| IR-14-00004-JCSI-115 | 28-Feb-15 | A | Implementing Safety Traffic Plan for alignment No.05 for excavation work | 1-Mar-15 | Retracted | |
| IR-14-00004-JCSI-115 | 17-Mar-15 | A | Implementing Safety Traffic Plan for alignment No. 05 for excavation work | 18-Mar-15 | 18-Mar-15 | A |
| IR-14-00004-JCSI-116 | 1-Mar-15 | A | Implementing Safety Traffic Plan for alignment No. 43 for excavation work | 2-Mar-15 | 2-Mar-15 | A |
| IR-14-00004-JCSI-117 | 1-Mar-15 | A | Excavation, bedding, manhole installation, pipe installation, backfill, for alignment No. 43 from manhole (JCS-43-15). | 2-Mar-15 | 2-Mar-15 | A |

| IR No. | Date submitted | Rev. | Description | Date Inspection Required | Actual Return Date | Status |
|----------------------|----------------|------|---|--------------------------|--------------------|--------|
| IR-14-00004-JCSI-118 | 1-Mar-15 | A | Implementing Safety Traffic Plan for alignment No. 13 for excavation work | 2-Mar-15 | 2-Mar-15 | A |
| IR-14-00004-JCSI-119 | 1-Mar-15 | A | Excavation, bedding, manhole installation, pipe installation, backfill, for alignment No. 13 from manhole (JCS-13-04). | 2-Mar-15 | 2-Mar-15 | A |
| IR-14-00004-JCSI-120 | 2-Mar-15 | A | Excavation, bedding, Connection pits installation, pipe installation, backfill for connection pits at alignment No. 43 | 2-Mar-15 | 2-Mar-15 | A |
| IR-14-00004-JCSI-121 | 2-Mar-15 | A | Implementing Safety Traffic Plan for alignment No. 43 for excavation work | 3-Mar-15 | 3-Mar-15 | A |
| IR-14-00004-JCSI-122 | 2-Mar-15 | A | Excavation, bedding, manhole installation, pipe installation, backfill, for alignment No. 43 from manhole (JCS-43-18). | 3-Mar-15 | 3-Mar-15 | A |
| IR-14-00004-JCSI-123 | 2-Mar-15 | A | Implementing Safety Traffic Plan for alignment No. 13 for excavation work | 3-Mar-15 | 3-Mar-15 | A |
| IR-14-00004-JCSI-124 | 2-Mar-15 | A | Excavation, bedding, manhole installation, pipe installation, backfill, for alignment No. 13 from manhole (JCS-13-05). | 3-Mar-15 | 3-Mar-15 | A |
| IR-14-00004-JCSI-125 | 3-Mar-15 | A | Implementing Safety Traffic Plan for alignment No. 43 for excavation work | 4-Mar-15 | 4-Mar-15 | A |
| IR-14-00004-JCSI-126 | 3-Mar-15 | A | Excavation, bedding, manhole installation, pipe installation, backfill, for alignment No. 43 from manhole (JCS-43-20). | 4-Mar-15 | 4-Mar-15 | A |
| IR-14-00004-JCSI-127 | 3-Mar-15 | A | Implementing Safety Traffic Plan for alignment No. 15 for excavation work | 4-Mar-15 | 4-Mar-15 | A |
| IR-14-00004-JCSI-128 | 3-Mar-15 | A | Excavation, bedding, manhole installation, pipe installation, backfill, for alignment No. 15 from manhole (JCS-15-Existing). | 4-Mar-15 | 4-Mar-15 | A |
| IR-14-00004-JCSI-129 | 3-Mar-15 | A | Excavation, Connection pits installation, pipe installation, backfill No. 43 | 4-Mar-15 | 4-Mar-15 | A |

| IR No. | Date submitted | Rev. | Description | Date Inspection Required | Actual Return Date | Status |
|----------------------|----------------|------|--|--------------------------|--------------------|--------|
| IR-14-00004-JCSI-130 | 4-Mar-15 | A | Walkthrough for alignment No.33 | 5-Mar-15 | 5-Mar-15 | C |
| IR-14-00004-JCSI-130 | 9-Mar-15 | B | Walkthrough for alignment No.33 | 10-Mar-15 | 10-Mar-15 | A |
| IR-14-00004-JCSI-131 | 4-Mar-15 | A | Implementing Safety Traffic Plan for alignment No. 15 for excavation work | 5-Mar-15 | 5-Mar-15 | A |
| IR-14-00004-JCSI-132 | 4-Mar-15 | A | Excavation, bedding, manhole installation, pipe installation, backfill, for alignment No. 15 from manhole (JCS-15-03). | 5-Mar-15 | 5-Mar-15 | A |
| IR-14-00004-JCSI-133 | 4-Mar-15 | A | Implementing Safety Traffic Plan for alignment No. 54for excavation work | 5-Mar-15 | 5-Mar-15 | A |
| IR-14-00004-JCSI-134 | 4-Mar-15 | A | Excavation, bedding, manhole installation, pipe installation, backfill, for alignment No. 54 from manhole (JCS-54-Existing). | 5-Mar-15 | 5-Mar-15 | A |
| IR-14-00004-JCSI-135 | 5-Mar-15 | A | Implementing Safety Traffic Plan for alignment No. 15 for excavation work | 7-Mar-15 | 7-Mar-15 | A |
| IR-14-00004-JCSI-136 | 5-Mar-15 | A | Excavation, bedding, manhole installation, pipe installation, backfill, for alignment No. 15 from manhole (JCS-15-05). | 7-Mar-15 | 7-Mar-15 | A |
| IR-14-00004-JCSI-137 | 5-Mar-15 | A | Implementing Safety Traffic Plan for alignment No. 54for excavation work | 7-Mar-15 | 7-Mar-15 | A |
| IR-14-00004-JCSI-138 | 5-Mar-15 | A | Excavation, bedding, manhole installation, pipe installation, backfill, for alignment No. 54 from manhole (JCS-54-02). | 7-Mar-15 | 7-Mar-15 | A |
| IR-14-00004-JCSI-139 | 7-Mar-15 | A | Implementing night Safety Traffic Plan for alignment No. 54 to continue works | 7-Mar-15 | 7-Mar-15 | A |
| IR-14-00004-JCSI-140 | 7-Mar-15 | A | Implementing Safety Traffic Plan for alignment No. 15 for excavation work | 8-Mar-15 | 8-Mar-15 | A |

| IR No. | Date submitted | Rev. | Description | Date Inspection Required | Actual Return Date | Status |
|----------------------|----------------|------|---|--------------------------|--------------------|--------|
| IR-14-00004-JCSI-141 | 7-Mar-15 | A | Excavation, bedding, manhole installation, pipe installation, backfill, for alignment No. 15 from manhole (JCS-15-07)-(JCS-15-08) | 8-Mar-15 | 8-Mar-15 | A |
| IR-14-00004-JCSI-142 | 7-Mar-15 | A | Implementing Safety Traffic Plan for alignment No. 54 for excavation work | 8-Mar-15 | 8-Mar-15 | A |
| IR-14-00004-JCSI-143 | 7-Mar-15 | A | Excavation, bedding, manhole installation, pipe installation, backfill, for alignment No. 54 from manhole (JCS-54-05). | 8-Mar-15 | 8-Mar-15 | A |
| IR-14-00004-JCSI-144 | 7-Mar-15 | A | Implementing Safety Traffic Plan for alignment No. 08 for excavation work | 8-Mar-15 | 8-Mar-15 | C |
| IR-14-00004-JCSI-144 | 8-Mar-15 | B | Implementing Safety Traffic Plan for alignment No. 08 for excavation work | 9-Mar-15 | 9-Mar-15 | A |
| IR-14-00004-JCSI-145 | 7-Mar-15 | A | Excavation, bedding, manhole installation, pipe installation, backfill, for alignment No. 15 from manhole (JCS-08-Existing) | 8-Mar-15 | 8-Mar-15 | C |
| IR-14-00004-JCSI-145 | 8-Mar-15 | B | Excavation, bedding, manhole installation, pipe installation, backfill, for alignment No. 15 from manhole (JCS-08-Existing) | 9-Mar-15 | 9-Mar-15 | A |
| IR-14-00004-JCSI-146 | 8-Mar-15 | A | Implementing Safety Traffic Plan for Zone II | 9-Mar-15 | 10-Mar-15 | C |
| IR-14-00004-JCSI-146 | 12-Mar-15 | B | Implementing Safety Traffic Plan for Zone II | 12-Mar-15 | 12-Mar-15 | A |
| IR-14-00004-JCSI-147 | 8-Mar-15 | A | Implementing Safety Traffic Plan for alignment No. 54 for excavation work | 9-Mar-15 | 9-Mar-15 | A |
| IR-14-00004-JCSI-148 | 8-Mar-15 | A | Excavation, bedding, manhole installation, pipe installation, backfill for alignment No. 54 from manhole (JCS-54-08) | 9-Mar-15 | 9-Mar-15 | A |

| IR No. | Date submitted | Rev. | Description | Date Inspection Required | Actual Return Date | Status |
|----------------------|----------------|------|--|--------------------------|--------------------|--------|
| IR-14-00004-JCSI-149 | 8-Mar-15 | A | Excavation, bedding, Connection pits installation, pipe installation, backfill for connection pits at alignment No. 15 | 9-Mar-15 | 9-Mar-15 | A |
| IR-14-00004-JCSI-150 | 9-Mar-15 | A | Walkthrough for alignment No.40 | 9-Mar-15 | 10-Mar-15 | A |
| IR-14-00004-JCSI-151 | 9-Mar-15 | A | Implementing Safety Traffic Plan for alignment No. 15 for excavation work | 10-Mar-15 | 10-Mar-15 | A |
| IR-14-00004-JCSI-152 | 9-Mar-15 | A | Excavation, bedding, Connection pits installation, pipe installation, backfill for connection pits at alignment No. 15 | 10-Mar-15 | 10-Mar-15 | A |
| IR-14-00004-JCSI-153 | 9-Mar-15 | A | Implementing Safety Traffic Plan for alignment No. 08 for excavation work | 10-Mar-15 | 10-Mar-15 | A |
| IR-14-00004-JCSI-154 | 9-Mar-15 | A | Excavation, bedding, manhole installation, pipe installation, backfill, for alignment No. 15 from manhole (JCS-08-02) | 10-Mar-15 | 10-Mar-15 | A |
| IR-14-00004-JCSI-155 | 9-Mar-15 | A | Implementing Safety Traffic Plan for alignment No. 54 for excavation work | 10-Mar-15 | 10-Mar-15 | C |
| IR-14-00004-JCSI-155 | 9-Mar-15 | B | Implementing Safety Traffic Plan for alignment No. 54 for excavation work | 11-Mar-15 | 11-Mar-15 | A |
| IR-14-00004-JCSI-156 | 9-Mar-15 | A | Excavation, bedding, manhole installation, pipe installation, backfill for alignment No. 54 from manhole (JCS-54-10) | 10-Mar-15 | 10-Mar-15 | C |
| IR-14-00004-JCSI-156 | 9-Mar-15 | B | Excavation, bedding, manhole installation, pipe installation, backfill for alignment No. 54 from manhole (JCS-54-10) | 11-Mar-15 | 11-Mar-15 | A |
| IR-14-00004-JCSI-157 | 10-Mar-15 | A | Implementing Safety Traffic Plan for alignment No. 21 & 22 for excavation work | 10-Mar-15 | 10-Mar-15 | A |

| IR No. | Date submitted | Rev. | Description | Date Inspection Required | Actual Return Date | Status |
|----------------------|----------------|------|---|--------------------------|--------------------|--------|
| IR-14-00004-JCSI-158 | 10-Mar-15 | A | Excavation, bedding, manhole installation, pipe installation, backfill for alignment No. 21 & 22 from manhole (JCS-21-Existing) | 10-Mar-15 | 10-Mar-15 | A |
| IR-14-00004-JCSI-159 | 10-Mar-15 | A | Implementing Safety Traffic Plan for alignment No. 08 for excavation work | 11-Mar-15 | 11-Mar-15 | A |
| IR-14-00004-JCSI-160 | 10-Mar-15 | A | Excavation, bedding, manhole installation, pipe installation, backfill, for alignment No. 15 from manhole (JCS-08-04) | 11-Mar-15 | 11-Mar-15 | A |
| IR-14-00004-JCSI-161 | 10-Mar-15 | A | Excavation, bedding, Connection pits installation, pipe installation, backfill for connection pits at alignment No. 08 | 11-Mar-15 | 11-Mar-15 | A |
| IR-14-00004-JCSI-162 | 10-Mar-15 | A | Implementing Safety Traffic Plan for alignment No. 03 for excavation work | 11-Mar-15 | 11-Mar-15 | A |
| IR-14-00004-JCSI-163 | 10-Mar-15 | A | Excavation, bedding, Connection pits installation, pipe installation, backfill for connection pits at alignment No. 03 | 11-Mar-15 | 11-Mar-15 | A |
| IR-14-00004-JCSI-164 | 11-Mar-15 | A | Implementing Safety Traffic Plan for alignment No. 15 for excavation work | 11-Mar-15 | 11-Mar-15 | A |
| IR-14-00004-JCSI-165 | 11-Mar-15 | A | Excavation, bedding, Connection pits installation, pipe installation, backfill for connection pits at alignment No. 15 | 11-Mar-15 | 11-Mar-15 | A |
| IR-14-00004-JCSI-166 | 11-Mar-15 | A | Inspection of Materials on site – Reinforced Concrete Manholes | 11-Mar-15 | 11-Mar-15 | C |
| IR-14-00004-JCSI-166 | 12-Mar-15 | B | Inspection of Materials on site – Reinforced Concrete Manholes | 12-Mar-15 | 12-Mar-15 | A |
| IR-14-00004-JCSI-167 | 11-Mar-15 | A | Implementing Safety Traffic Plan for alignment No. 08 for excavation work | 12-Mar-15 | 12-Mar-15 | C |

| IR No. | Date submitted | Rev. | Description | Date Inspection Required | Actual Return Date | Status |
|----------------------|----------------|------|---|--------------------------|--------------------|--------|
| IR-14-00004-JCSI-167 | 12-Mar-15 | B | Implementing Safety Traffic Plan for alignment No. 08 for excavation work | 14-Mar-15 | 14-Mar-15 | A |
| IR-14-00004-JCSI-168 | 11-Mar-15 | A | Excavation, bedding, manhole installation, pipe installation, backfill, for alignment No. 15 from manhole (JCS-08-07) | 12-Mar-15 | 12-Mar-15 | C |
| IR-14-00004-JCSI-168 | 12-Mar-15 | A | Excavation, bedding, manhole installation, pipe installation, backfill, for alignment No. 15 from manhole (JCS-08-07) | 14-Mar-15 | 14-Mar-15 | A |
| IR-14-00004-JCSI-169 | 11-Mar-15 | A | Excavation, bedding, Connection pits installation, pipe installation, backfill for connection pits at alignment No. 08 | 12-Mar-15 | 12-Mar-15 | C |
| IR-14-00004-JCSI-169 | 12-Mar-15 | B | Excavation, bedding, Connection pits installation, pipe installation, backfill for connection pits at alignment No. 08 | 14-Mar-15 | Retracted | |
| IR-14-00004-JCSI-170 | 11-Mar-15 | A | Implementing Safety Traffic Plan for alignment No. 03 for excavation work | 12-Mar-15 | 12-Mar-15 | C |
| IR-14-00004-JCSI-170 | 12-Mar-15 | B | Implementing Safety Traffic Plan for alignment No. 03 for excavation work | 14-Mar-15 | 14-Mar-15 | A |
| IR-14-00004-JCSI-171 | 11-Mar-15 | A | Excavation, bedding, Connection pits installation, pipe installation, backfill for connection pits at alignment No. 03 | 12-Mar-15 | 12-Mar-15 | C |
| IR-14-00004-JCSI-171 | 12-Mar-15 | B | Excavation, bedding, Connection pits installation, pipe installation, backfill for connection pits at alignment No. 03 | 14-Mar-15 | 14-Mar-15 | A |
| IR-14-00004-JCSI-172 | 11-Mar-15 | A | Implementing Safety Traffic Plan for alignment No. 54 for excavation work | 12-Mar-15 | 12-Mar-15 | C |
| IR-14-00004-JCSI-172 | 12-Mar-15 | B | Implementing Safety Traffic Plan for alignment No. 54 for excavation work | 14-Mar-15 | 14-Mar-15 | A |

| IR No. | Date submitted | Rev. | Description | Date Inspection Required | Actual Return Date | Status |
|----------------------|----------------|------|--|--------------------------|--------------------|--------|
| IR-14-00004-JCSI-173 | 11-Mar-15 | A | Excavation, bedding, manhole installation, pipe installation, backfill for alignment No. 54 from manhole (JCS-54-11) | 12-Mar-15 | 12-Mar-15 | C |
| IR-14-00004-JCSI-173 | 12-Mar-15 | B | Excavation, bedding, manhole installation, pipe installation, backfill for alignment No. 54 from manhole (JCS-54-11) | 14-Mar-15 | 14-Mar-15 | A |
| IR-14-00004-JCSI-174 | 14-Mar-15 | A | Implementing Safety Traffic Plan for alignment No. 22 for excavation work | 14-Mar-15 | 14-Mar-15 | A |
| IR-14-00004-JCSI-175 | 14-Mar-15 | A | Excavation, bedding, manhole installation, pipe installation, backfill for alignment No. 22 from manhole (JCS-22-02) | 14-Mar-15 | 14-Mar-15 | A |
| IR-14-00004-JCSI-176 | 14-Mar-15 | A | Implementing Safety Traffic Plan for alignment No. 02 for excavation work | 14-Mar-15 | 14-Mar-15 | C |
| IR-14-00004-JCSI-176 | 14-Mar-15 | B | Implementing Safety Traffic Plan for alignment No. 02 for excavation work | 15-Mar-15 | 15-Mar-15 | A |
| IR-14-00004-JCSI-177 | 14-Mar-15 | A | Excavation, bedding, Connection pits installation, pipe installation, backfill for connection pits at alignment No. 02 | 14-Mar-15 | 14-Mar-15 | C |
| IR-14-00004-JCSI-177 | 14-Mar-15 | B | Excavation, bedding, Connection pits installation, pipe installation, backfill for connection pits at alignment No. 02 | 15-Mar-15 | 15-Mar-15 | A |
| IR-14-00004-JCSI-178 | 14-Mar-15 | A | Implementing Safety Traffic Plan for alignment No. 17 for excavation work | 15-Mar-15 | 15-Mar-15 | A |
| IR-14-00004-JCSI-179 | 14-Mar-15 | A | Excavation, bedding, manhole installation, pipe installation, backfill for alignment No. 17 from manhole (JCS-17-Existing) | 15-Mar-15 | 15-Mar-15 | A |
| IR-14-00004-JCSI-180 | 14-Mar-15 | A | Implementing Safety Traffic Plan for alignment No. 01 for excavation work | 15-Mar-15 | 15-Mar-15 | A |

| IR No. | Date submitted | Rev. | Description | Date Inspection Required | Actual Return Date | Status |
|----------------------|----------------|------|---|--------------------------|--------------------|--------|
| IR-14-00004-JCSI-181 | 14-Mar-15 | A | Implementing Safety Traffic Plan for alignment No. 22 for excavation work | 15-Mar-15 | 15-Mar-15 | A |
| IR-14-00004-JCSI-182 | 14-Mar-15 | A | Excavation, bedding, manhole installation, pipe installation, backfill for alignment No. 22 from manhole (JCS-22-03) | 15-Mar-15 | 15-Mar-15 | A |
| IR-14-00004-JCSI-183 | 15-Mar-15 | A | inspection for UPVC Pipes pressure test for alignments 01,02,03,04 &05 | 15-Mar-15 | 15-Mar-15 | C |
| IR-14-00004-JCSI-183 | 16-Mar-15 | B | inspection for UPVC Pipes pressure test for alignments 01,02,03,04 &05 | 16-Mar-15 | 16-Mar-15 | C |
| IR-14-00004-JCSI-184 | 15-Mar-15 | A | Implementing Safety Traffic Plan for alignment No. 21 for excavation work | 16-Mar-15 | 16-Mar-15 | A |
| IR-14-00004-JCSI-185 | 15-Mar-15 | A | Excavation, bedding, manhole installation, pipe installation, backfill for alignment No. 21 & 22 from manhole (JCS-21-Existing) | 16-Mar-15 | 16-Mar-15 | A |
| IR-14-00004-JCSI-186 | 15-Mar-15 | A | Implementing Safety Traffic Plan for alignment No. 17 for excavation work | 16-Mar-15 | 16-Mar-15 | A |
| IR-14-00004-JCSI-187 | 15-Mar-15 | A | Excavation, bedding, manhole installation, pipe installation, backfill for alignment No. 17 from manhole (JCS-17-03) | 16-Mar-15 | 16-Mar-15 | A |
| IR-14-00004-JCSI-188 | 15-Mar-15 | A | Implementing Safety Traffic Plan for alignment No. 04 for excavation work | 16-Mar-15 | 16-Mar-15 | C |
| IR-14-00004-JCSI-188 | 16-Mar-15 | B | Implementing Safety Traffic Plan for alignment No. 04 for excavation work | 17-Mar-15 | 17-Mar-15 | A |
| IR-14-00004-JCSI-189 | 15-Mar-15 | A | Excavation, bedding, Connection pits installation, pipe installation, backfill for connection pits at alignment No. 04 | 16-Mar-15 | 16-Mar-15 | C |

| IR No. | Date submitted | Rev. | Description | Date Inspection Required | Actual Return Date | Status |
|----------------------|----------------|------|--|--------------------------|--------------------|--------|
| IR-14-00004-JCSI-189 | 16-Mar-15 | B | Excavation, bedding, Connection pits installation, pipe installation, backfill for connection pits at alignment No. 04 | 17-Mar-15 | 17-Mar-15 | A |
| IR-14-00004-JCSI-190 | 15-Mar-15 | A | Implementing Safety Traffic Plan for alignment No. 01 for excavation work | 16-Mar-15 | 16-Mar-15 | A |
| IR-14-00004-JCSI-191 | 15-Mar-15 | B | Excavation, bedding, Connection pits installation, pipe installation, backfill for connection pits at alignment No. 01 | 17-Mar-15 | 16-Mar-15 | A |
| IR-14-00004-JCSI-192 | 16-Mar-15 | A | Implementing Safety Traffic Plan for alignment No. 17 for excavation work | 17-Mar-15 | 17-Mar-15 | A |
| IR-14-00004-JCSI-193 | 16-Mar-15 | A | Excavation, bedding, manhole installation, pipe installation, backfill for alignment No. 17 from manhole (JCS-17-08) | 17-Mar-15 | 17-Mar-15 | A |
| IR-14-00004-JCSI-194 | 16-Mar-15 | A | Implementing Safety Traffic Plan for alignment No. 42 for excavation work | 17-Mar-15 | 17-Mar-15 | A |
| IR-14-00004-JCSI-195 | 16-Mar-15 | A | Excavation, bedding, manhole installation, pipe installation, backfill for alignment No. 42 from manhole (JCS-42-Existing) | 17-Mar-15 | 17-Mar-15 | A |
| IR-14-00004-JCSI-196 | 16-Mar-15 | A | inspection for UPVC Pipes pressure test for alignments 06,07,54,43,13 & 15 | 17-Mar-15 | 17-Mar-15 | C |
| IR-14-00004-JCSI-197 | 17-Mar-15 | A | Walkthrough for alignment No.30 | 17-Mar-15 | 17-Mar-15 | A |
| IR-14-00004-JCSI-198 | 17-Mar-15 | A | Walkthrough for alignment No.31 | 17-Mar-15 | 17-Mar-15 | A |
| IR-14-00004-JCSI-199 | 17-Mar-15 | A | Walkthrough for alignment No.55 | 17-Mar-15 | 17-Mar-15 | A |
| IR-14-00004-JCSI-200 | 17-Mar-15 | A | Walkthrough for alignment No.32 | 17-Mar-15 | 18-Mar-15 | A |

| IR No. | Date submitted | Rev. | Description | Date Inspection Required | Actual Return Date | Status |
|----------------------|----------------|------|--|--------------------------|--------------------|--------|
| IR-14-00004-JCSI-201 | 17-Mar-15 | A | Implementing Safety Traffic Plan for alignment No. 17 for excavation work | 18-Mar-15 | 18-Mar-15 | A |
| IR-14-00004-JCSI-202 | 17-Mar-15 | A | Excavation, bedding, manhole installation, pipe installation, backfill for alignment No. 17 from manhole (JCS-17-12) | 18-Mar-15 | 18-Mar-15 | A |
| IR-14-00004-JCSI-203 | 17-Mar-15 | A | Implementing Safety Traffic Plan for alignment No. 42 for excavation work | 18-Mar-15 | 18-Mar-15 | A |
| IR-14-00004-JCSI-204 | 17-Mar-15 | A | Excavation, bedding, manhole installation, pipe installation, backfill for alignment No. 42 from manhole (JCS-42-03) | 18-Mar-15 | 18-Mar-15 | A |
| IR-14-00004-JCSI-205 | 17-Mar-15 | A | Excavation, bedding, Connection pits installation, pipe installation, backfill for connection pits at alignment No. 05 | 18-Mar-15 | 18-Mar-15 | A |
| IR-14-00004-JCSI-206 | 18-Mar-15 | A | Inspection of Materials on site – Reinforced Concrete Manholes | 18-Mar-15 | 18-Mar-15 | A |
| IR-14-00004-JCSI-207 | 18-Mar-15 | A | Implementing Safety Traffic Plan for alignment No. 05 for excavation work | 19-Mar-15 | 19-Mar-15 | A |
| IR-14-00004-JCSI-208 | 18-Mar-15 | A | Excavation, bedding, Connection pits installation, pipe installation, backfill for connection pits at alignment No. 05 | 19-Mar-15 | 19-Mar-15 | A |
| IR-14-00004-JCSI-209 | 18-Mar-15 | A | Implementing Safety Traffic Plan for alignment No. 42 for excavation work | 19-Mar-15 | 19-Mar-15 | A |
| IR-14-00004-JCSI-210 | 18-Mar-15 | A | Excavation, bedding, manhole installation, pipe installation, backfill for alignment No. 42 from manhole (JCS-42-05) | 19-Mar-15 | 19-Mar-15 | A |
| IR-14-00004-JCSI-211 | 18-Mar-15 | A | Implementing Safety Traffic Plan for alignment No. 18 for excavation work | 19-Mar-15 | 19-Mar-15 | A |

| IR No. | Date submitted | Rev. | Description | Date Inspection Required | Actual Return Date | Status |
|----------------------|----------------|------|--|--------------------------|--------------------|--------|
| IR-14-00004-JCSI-212 | 18-Mar-15 | A | Excavation, bedding, manhole installation, pipe installation, backfill for alignment No. 18 from manhole (JCS-18-Existing) | 19-Mar-15 | 19-Mar-15 | A |
| IR-14-00004-JCSI-213 | 19-Mar-15 | A | Start benching works for main sewer line manholes and connection pits at a lignment No. 01 | 21-Mar-15 | 21-Mar-15 | A |
| IR-14-00004-JCSI-214 | 19-Mar-15 | A | Implementing Safety Traffic Plan for alignment No. 06 to start excavation for connection pits | 21-Mar-15 | 21-Mar-15 | A |
| IR-14-00004-JCSI-215 | 19-Mar-15 | A | Implementing Safety Traffic Plan for alignment No. 42 for excavation work | 21-Mar-15 | 21-Mar-15 | A |
| IR-14-00004-JCSI-216 | 19-Mar-15 | A | Excavation, bedding, manhole installation, pipe installation, backfill for alignment No. 42 from manhole (JCS-42-07) | 21-Mar-15 | 21-Mar-15 | A |
| IR-14-00004-JCSI-217 | 19-Mar-15 | A | Implementing Safety Traffic Plan for alignment No. 18 for excavation work | 21-Mar-15 | 21-Mar-15 | A |
| IR-14-00004-JCSI-218 | 19-Mar-15 | A | Excavation, bedding, manhole installation, pipe installation, backfill for alignment No. 18 from manhole (JCS-18-03) | 21-Mar-15 | 21-Mar-15 | A |
| IR-14-00004-JCSI-219 | 21-Mar-15 | A | Implementing Safety Traffic Plan for alignment No. 42 for excavation work | 22-Mar-15 | 22-Mar-15 | A |
| IR-14-00004-JCSI-220 | 21-Mar-15 | A | Excavation, bedding, manhole installation, pipe installation, backfill for alignment No. 42 from manhole (JCS-42-09) | 22-Mar-15 | 22-Mar-15 | A |
| IR-14-00004-JCSI-221 | 21-Mar-15 | A | Implementing Safety Traffic Plan for alignment No. 18 for excavation work | 22-Mar-15 | 22-Mar-15 | A |
| IR-14-00004-JCSI-222 | 21-Mar-15 | A | Excavation, bedding, manhole installation, pipe installation, backfill for alignment No. 18 from manhole (JCS-18-06) | 22-Mar-15 | 22-Mar-15 | A |

| IR No. | Date submitted | Rev. | Description | Date Inspection Required | Actual Return Date | Status |
|----------------------|----------------|------|--|--------------------------|--------------------|--------|
| IR-14-00004-JCSI-223 | 21-Mar-15 | A | Implementing Safety Traffic Plan for alignment No. 06 to start excavation for connection pits | 22-Mar-15 | 22-Mar-15 | A |
| IR-14-00004-JCSI-224 | 21-Mar-15 | A | Excavation, bedding, Connection pits installation, pipe installation, backfill for connection pits at alignment No. 06 | 22-Mar-15 | 22-Mar-15 | A |
| IR-14-00004-JCSI-225 | 21-Mar-15 | A | Continue benching works for main sewer line manholes and connection pits at a lignment No. 01 | 22-Mar-15 | 22-Mar-15 | A |
| IR-14-00004-JCSI-226 | 21-Mar-15 | A | Walkthrough for alignment No.36, 38 | 22-Mar-15 | 22-Mar-15 | A |
| IR-14-00004-JCSI-227 | 21-Mar-15 | A | Walkthrough for alignment No.39 | 22-Mar-15 | 22-Mar-15 | A |
| IR-14-00004-JCSI-228 | 21-Mar-15 | A | Walkthrough for alignment No.51 | 22-Mar-15 | 22-Mar-15 | A |
| IR-14-00004-JCSI-229 | 21-Mar-15 | A | Walkthrough for alignment No.52,53 | 22-Mar-15 | 22-Mar-15 | A |
| IR-14-00004-JCSI-230 | 22-Mar-15 | A | Implementing Safety Traffic Plan for alignment No. 18 for excavation work | 23-Mar-15 | 23-Mar-15 | A |
| IR-14-00004-JCSI-231 | 22-Mar-15 | A | Excavation, bedding, manhole installation, pipe installation, backfill for alignment No. 18 from manhole (JCS-18-09) | 23-Mar-15 | 23-Mar-15 | A |
| IR-14-00004-JCSI-232 | 22-Mar-15 | A | Implementing Safety Traffic Plan for alignment No. 29 for excavation work | 23-Mar-15 | 23-Mar-15 | A |
| IR-14-00004-JCSI-233 | 22-Mar-15 | A | Excavation, bedding, manhole installation, pipe installation, backfill for alignment No. 29 from manhole (JCS-29-Existing) | 23-Mar-15 | 23-Mar-15 | A |
| IR-14-00004-JCSI-234 | 22-Mar-15 | A | Implementing Safety Traffic Plan for alignment No. 07 to start excavation for connection pits | 23-Mar-15 | 23-Mar-15 | A |

| IR No. | Date submitted | Rev. | Description | Date Inspection Required | Actual Return Date | Status |
|----------------------|----------------|------|---|--------------------------|--------------------|--------|
| IR-14-00004-JCSI-235 | 22-Mar-15 | A | Excavation, bedding, Connection pits installation, pipe installation, backfill for connection pits at alignment No. 07 | 23-Mar-15 | 23-Mar-15 | A |
| IR-14-00004-JCSI-236 | 23-Mar-15 | A | Implementing Safety Traffic Plan for alignment No. 19 for excavation work | 24-Mar-15 | 24-Mar-15 | A |
| IR-14-00004-JCSI-237 | 23-Mar-15 | A | Excavation, bedding, manhole installation, pipe installation, backfill for alignment No. 19 from manhole (JCS-19-Existing) | 24-Mar-15 | 24-Mar-15 | A |
| IR-14-00004-JCSI-238 | 23-Mar-15 | A | Implementing Safety Traffic Plan for alignment No. 29 for excavation work | 24-Mar-15 | 24-Mar-15 | A |
| IR-14-00004-JCSI-239 | 23-Mar-15 | A | Excavation, bedding, manhole installation, pipe installation, backfill for alignment No. 29 from manhole (JCS-29-Existing) | 24-Mar-15 | 24-Mar-15 | A |
| IR-14-00004-JCSI-240 | 23-Mar-15 | A | Implementing Safety Traffic Plan for alignment No. 07 to continue excavation for connection pits | 24-Mar-15 | 24-Mar-15 | A |
| IR-14-00004-JCSI-241 | 23-Mar-15 | A | Excavation, bedding, Connection pits installation, pipe installation, backfill for connection pits at alignment No. 07 | 24-Mar-15 | 24-Mar-15 | A |
| IR-14-00004-JCSI-242 | 24-Mar-15 | A | Implementing Safety Traffic Plan for alignment No. 54 for excavation work | 25-Mar-15 | 25-Mar-15 | A |
| IR-14-00004-JCSI-243 | 24-Mar-15 | A | Excavation, bedding, Connection pits installation, pipe installation, backfill for connection pits at alignment No. 54 | 25-Mar-15 | 25-Mar-15 | A |
| IR-14-00004-JCSI-244 | 24-Mar-15 | A | Implementing Safety Traffic Plan for alignment No. 26 for excavation work | 25-Mar-15 | 25-Mar-15 | A |
| IR-14-00004-JCSI-245 | 24-Mar-15 | A | Excavation, bedding, manhole installation, pipe installation, backfill for alignment No. 26 from manhole (JCS-26- Existing). | 25-Mar-15 | 25-Mar-15 | A |

| IR No. | Date submitted | Rev. | Description | Date Inspection Required | Actual Return Date | Status |
|----------------------|----------------|------|---|--------------------------|--------------------|--------|
| IR-14-00004-JCSI-246 | 24-Mar-15 | A | Implementing Safety Traffic Plan for alignment No. 09 for excavation work | 25-Mar-15 | 25-Mar-15 | A |
| IR-14-00004-JCSI-247 | 24-Mar-15 | A | Excavation, bedding, manhole installation, pipe installation, backfill for alignment No. 09 from manhole (JCS-09- Existing). | 25-Mar-15 | 25-Mar-15 | A |
| IR-14-00004-JCSI-248 | 24-Mar-15 | A | Correction of monthly environmental Check list of Feb 2015 | 25-Mar-15 | 26-Mar-15 | A |
| IR-14-00004-JCSI-249 | 25-Mar-15 | A | Implementing Safety Traffic Plan for alignment No. 54 for excavation work | 26-Mar-15 | 26-Mar-15 | A |
| IR-14-00004-JCSI-250 | 25-Mar-15 | A | Excavation, bedding, Connection pits installation, pipe installation, backfill for connection pits at alignment No. 54 | 26-Mar-15 | 26-Mar-15 | A |
| IR-14-00004-JCSI-251 | 25-Mar-15 | A | Implementing Safety Traffic Plan for alignment No. 26 for excavation work | 26-Mar-15 | 26-Mar-15 | A |
| IR-14-00004-JCSI-252 | 25-Mar-15 | A | Excavation, bedding, manhole installation, pipe installation, backfill for alignment No. 26 from manhole (JCS-26- 02). | 26-Mar-15 | 26-Mar-15 | A |
| IR-14-00004-JCSI-253 | 25-Mar-15 | A | Implementing Safety Traffic Plan for alignment No. 09 for excavation work | 26-Mar-15 | 26-Mar-15 | A |
| IR-14-00004-JCSI-254 | 25-Mar-15 | A | Excavation, bedding, manhole installation, pipe installation, backfill for alignment No. 09 from manhole (JCS-09- 04). | 26-Mar-15 | 26-Mar-15 | A |
| IR-14-00004-JCSI-255 | 26-Mar-15 | A | Implementing Safety Traffic Plan for alignment No. 26 for excavation work | 28-Mar-15 | 28-Mar-15 | A |
| IR-14-00004-JCSI-256 | 26-Mar-15 | A | Excavation, bedding, manhole installation, pipe installation, backfill for alignment No. 26 from manhole (JCS-26- 05). | 28-Mar-15 | 28-Mar-15 | A |

| IR No. | Date submitted | Rev. | Description | Date Inspection Required | Actual Return Date | Status |
|----------------------|----------------|------|---|--------------------------|--------------------|--------|
| IR-14-00004-JCSI-257 | 26-Mar-15 | A | Implementing Safety Traffic Plan for alignment No. 09 for excavation work | 28-Mar-15 | 28-Mar-15 | A |
| IR-14-00004-JCSI-258 | 26-Mar-15 | A | Excavation, bedding, manhole installation, pipe installation, backfill for alignment No. 09 from manhole (JCS-09- 07). | 28-Mar-15 | 28-Mar-15 | A |
| IR-14-00004-JCSI-259 | 26-Mar-15 | A | Implementing Safety Traffic Plan for alignment No. 13 for excavation work | 28-Mar-15 | 28-Mar-15 | A |
| IR-14-00004-JCSI-260 | 26-Mar-15 | A | Excavation, bedding, Connection pits installation, pipe installation, backfill for connection pits at alignment No. 13 | 28-Mar-15 | 28-Mar-15 | A |
| IR-14-00004-JCSI-261 | 26-Mar-15 | A | Implementing Safety Traffic Plan for alignment No. 54 for excavation work | 28-Mar-15 | 28-Mar-15 | A |
| IR-14-00004-JCSI-262 | 26-Mar-15 | A | Excavation, bedding, Connection pits installation, pipe installation, backfill for connection pits at alignment No. 54 | 28-Mar-15 | 28-Mar-15 | A |
| IR-14-00004-JCSI-263 | 26-Mar-15 | A | Implementing Safety Traffic Plan for alignment No. 01to start asphalt restoration . | 28-Mar-15 | 28-Mar-15 | C |
| IR-14-00004-JCSI-263 | 28-Mar-15 | B | Implementing Safety Traffic Plan for alignment No. 01to start asphalt restoration . | 29-Mar-15 | 29-Mar-15 | A |
| IR-14-00004-JCSI-264 | 26-Mar-15 | A | Start preparation works for asphalt restoration for alignment No. 01. | 28-Mar-15 | 28-Mar-15 | C |
| IR-14-00004-JCSI-264 | 28-Mar-15 | B | Start preparation works for asphalt restoration for alignment No. 01. | 29-Mar-15 | 29-Mar-15 | A |
| IR-14-00004-JCSI-265 | 28-Mar-15 | A | Implementing Safety Traffic Plan for alignment No. 26 for excavation work | 29-Mar-15 | 29-Mar-15 | A |
| IR-14-00004-JCSI-266 | 28-Mar-15 | A | Excavation, bedding, manhole installation, pipe installation, backfill for alignment No. 26 from manhole (JCS-26- 08). | 29-Mar-15 | 29-Mar-15 | A |

| IR No. | Date submitted | Rev. | Description | Date Inspection Required | Actual Return Date | Status |
|----------------------|----------------|------|---|--------------------------|--------------------|--------|
| IR-14-00004-JCSI-267 | 28-Mar-15 | A | Implementing Safety Traffic Plan for alignment No. 09 for excavation work | 29-Mar-15 | 29-Mar-15 | C |
| IR-14-00004-JCSI-267 | 30-Mar-15 | B | Implementing Safety Traffic Plan for alignment No. 09 for excavation work | 31-Mar-15 | 31-Mar-15 | A |
| IR-14-00004-JCSI-268 | 28-Mar-15 | A | Excavation, bedding, manhole installation, pipe installation, backfill for alignment No. 09 from manhole (JCS-09- 10). | 29-Mar-15 | 29-Mar-15 | C |
| IR-14-00004-JCSI-268 | 30-Mar-15 | B | Excavation, bedding, manhole installation, pipe installation, backfill for alignment No. 09 from manhole (JCS-09- 10). | 31-Mar-15 | 31-Mar-15 | A |
| IR-14-00004-JCSI-269 | 28-Mar-15 | A | Implementing Safety Traffic Plan for alignment No. 13 for excavation work | 29-Mar-15 | 29-Mar-15 | A |
| IR-14-00004-JCSI-270 | 28-Mar-15 | A | Excavation, bedding, Connection pits installation, pipe installation, backfill for connection pits at alignment No. 13 | 29-Mar-15 | 29-Mar-15 | C |
| IR-14-00004-JCSI-270 | 29-Mar-15 | B | Excavation, bedding, Connection pits installation, pipe installation, backfill for connection pits at alignment No. 13 | 30-Mar-15 | 30-Mar-15 | A |
| IR-14-00004-JCSI-271 | 29-Mar-15 | A | Implementing Safety Traffic Plan for alignment No. 26 for excavation work | 30-Mar-15 | 30-Mar-15 | C |
| IR-14-00004-JCSI-271 | 31-Mar-15 | B | Implementing Safety Traffic Plan for alignment No. 26 for excavation work | 1-Apr-15 | 1-Apr-15 | A |
| IR-14-00004-JCSI-272 | 29-Mar-15 | A | Excavation, bedding, manhole installation, pipe installation, backfill for alignment No. 26 from manhole (JCS-26- 10). | 30-Mar-15 | 30-Mar-15 | C |
| IR-14-00004-JCSI-272 | 31-Mar-15 | B | Excavation, bedding, manhole installation, pipe installation, backfill for alignment No. 26 from manhole (JCS-26- 10). | 1-Apr-15 | 1-Apr-15 | A |

| IR No. | Date submitted | Rev. | Description | Date Inspection Required | Actual Return Date | Status |
|----------------------|----------------|------|---|--------------------------|--------------------|--------|
| IR-14-00004-JCSI-273 | 29-Mar-15 | A | Implementing Safety Traffic Plan for alignment No. 13 for excavation work | 30-Mar-15 | 30-Mar-15 | A |
| IR-14-00004-JCSI-274 | 29-Mar-15 | A | Implementing Safety Traffic Plan for alignment No. 04 to start asphalt restoration . | 30-Mar-15 | 30-Mar-15 | A |
| IR-14-00004-JCSI-275 | 29-Mar-15 | A | Start preparation works for asphalt restoration for alignment No. 04. | 30-Mar-15 | 30-Mar-15 | A |
| IR-14-00004-JCSI-276 | 30-Mar-15 | A | External paint -1nd layer Coat for approved manholes in storage yard | 30-Mar-15 | 30-Mar-15 | A |
| IR-14-00004-JCSI-277 | 30-Mar-15 | A | Inspection of Materials on site – Reinforced Concrete Manholes | 30-Mar-15 | 31-Mar-15 | A |
| IR-14-00004-JCSI-278 | 30-Mar-15 | A | Implementing Safety Traffic Plan for alignment No. 03 to start asphalt restoration . | 30-Mar-15 | 30-Mar-15 | A |
| IR-14-00004-JCSI-279 | 30-Mar-15 | A | Start preparation works for asphalt restoration for alignment No. 03. | 30-Mar-15 | 30-Mar-15 | A |
| IR-14-00004-JCSI-280 | 30-Mar-15 | A | Implementing Safety Traffic Plan for alignment No. 28 for excavation work | 31-Mar-15 | 31-Mar-15 | A |
| IR-14-00004-JCSI-281 | 30-Mar-15 | A | Excavation, bedding, manhole installation, pipe installation, backfill for alignment No. 28 from manhole (JCS-26- 07). | 31-Mar-15 | 31-Mar-15 | A |
| IR-14-00004-JCSI-282 | 30-Mar-15 | A | Implementing Safety Traffic Plan for alignment No. 43 for excavation work | 31-Mar-15 | 31-Mar-15 | A |
| IR-14-00004-JCSI-283 | 30-Mar-15 | A | Excavation, bedding, Connection pits installation, pipe installation, backfill for connection pits at alignment No. 43 | 31-Mar-15 | 31-Mar-15 | A |
| IR-14-00004-JCSI-284 | 30-Mar-15 | A | Implementing Safety Traffic Plan for alignment No. 05 to start asphalt restoration . | 31-Mar-15 | 31-Mar-15 | A |
| IR-14-00004-JCSI-285 | 30-Mar-15 | A | Start preparation works for asphalt restoration for alignment No. 05. | 31-Mar-15 | 31-Mar-15 | A |

| IR No. | Date submitted | Rev. | Description | Date Inspection Required | Actual Return Date | Status |
|----------------------|----------------|------|--|--------------------------|--------------------|--------|
| IR-14-00004-JCSI-286 | 30-Mar-15 | A | Implementing Safety Traffic Plan for alignment No. 26 for excavation work | 31-Mar-15 | 31-Mar-15 | A |
| IR-14-00004-JCSI-287 | 30-Mar-15 | A | Excavation, bedding, manhole installation, pipe installation, backfill for alignment No. 26 from manhole (JCS-26- 07)- (JCS-26- 10). | 31-Mar-15 | 31-Mar-15 | A |
| IR-14-00004-JCSI-288 | 30-Mar-15 | A | Implementing Safety Traffic Plan for alignment No. 12 for excavation work | 31-Mar-15 | 31-Mar-15 | A |
| IR-14-00004-JCSI-289 | 30-Mar-15 | A | Excavation, bedding, manhole installation, pipe installation, backfill for alignment No. 12 from manhole (JCS-09- 12). | 31-Mar-15 | 31-Mar-15 | A |
| IR-14-00004-JCSI-290 | 31-Mar-15 | A | Implementing Safety Traffic Plan for alignment No. 05 to continue asphalt restoration . | 1-Apr-15 | | |
| IR-14-00004-JCSI-291 | 31-Mar-15 | A | Continue preparation works for asphalt restoration for alignment No. 05. | 1-Apr-15 | | |
| IR-14-00004-JCSI-292 | 31-Mar-15 | A | Implementing Safety Traffic Plan for alignment No. 43 for excavation work | 1-Apr-15 | | |
| IR-14-00004-JCSI-293 | 31-Mar-15 | A | Excavation, Connection pits installation, pipe installation, backfill for connection pits at alignment No. 43 | 1-Apr-15 | | |
| IR-14-00004-JCSI-294 | 31-Mar-15 | A | Implementing Safety Traffic Plan for alignment No. 12 for excavation work | 1-Apr-15 | | |
| IR-14-00004-JCSI-295 | 31-Mar-15 | A | Excavation, manhole installation, pipe installation, backfill for alignment No12 from (JCS-12-02). | 1-Apr-15 | | |

Annex F - Submittal Log

Submittal Log:

| No | Submittal Code | Submit Date | Date of CMC Response | CMC Review Days | Description | Status |
|----|------------------------|-------------|-------------------------|-----------------|---|-----------|
| 1 | SUB-14-00003-JCSI-014D | 19-Mar-15 | | | Construction Risk Management Program (CRMP) | |
| 2 | SUB-14-00004-JCSI-020C | 3-Mar-15 | 8-Mar-15 | 5 | Environmental Monitoring and Mitigation Plan (EMMP) | B |
| 3 | SUB-14-00004-JCSI-035B | 26-Feb-15 | 10-Mar-15 | 12 | Dilapidation for Alignments 1,2,3,4,5,6,7,8,9,10,12,13,15,16,17,18,19,21,22,26,28,29,30,31,32,33,36,37,38,39,40,42,43,44,45,46,47,48,49,50,51,52,53,54&55 | A |
| 4 | SUB-14-00004-JCSI-037D | 2-Mar-15 | 24-Mar-15 | 22 | JET / VAC TANKER TRUCK | B |
| 5 | SUB-14-00004-JCSI-038C | 8-Mar-15 | 9-Mar-15 | 1 | Traffic Plan | B |
| 6 | SUB-14-00004-JCSI-056B | 12-Mar-15 | 12-Mar-15 | 1 | Shop Drawing; Plan& Profile for Road A | B |
| 7 | SUB-14-00004-JCSI-056C | 12-Mar-15 | 22-Mar-15 | 10 | Shop Drawing; Plan& Profile for Road A | E |
| 8 | SUB-14-00004-JCSI-068C | 5-Mar-15 | 10-Mar-15 | 5 | Shop Drawing; Plan& Profile for alignment No.09,10 & 12 With Connection pits | B |
| 9 | SUB-14-00004-JCSI-068D | 12-Mar-15 | 16-Mar-15 | 4 | Shop Drawing; Plan& Profile for alignment No.09,10 & 12 for construction | E |
| 10 | SUB-14-00004-JCSI-071C | 3-Mar-15 | Retracted March 04,2015 | Retracted | Shop Drawing; Plan& Profile for alignment No.17,18,19 With (For construction)Stamp | Retracted |
| 11 | SUB-14-00004-JCSI-071C | 8-Mar-15 | 10-Mar-15 | 2 | Shop Drawing; Plan& Profile for alignment No.17,18,19 With (For construction)Stamp | E |
| 12 | SUB-14-00004-JCSI-073D | 2-Mar-15 | 3-Mar-15 | 1 | Shop Drawing; Plan& Profile for alignment No.08 With (For construction)Stamp | E |
| 13 | SUB-14-00004-JCSI-076C | 1-Mar-15 | 2-Mar-15 | 1 | Shop Drawing; Plan& Profile for alignment No.29 With (For construction)Stamp | E |

| No | Submittal Code | Submit Date | Date of CMC Response | CMC Review Days | Description | Status |
|----|------------------------|-------------|-------------------------|-----------------|---|-----------|
| 14 | SUB-14-00004-JCSI-079A | 22-Feb-15 | 5-Mar-15 | 11 | Method Statement for Installing Manholes Bases and Rings | B |
| 15 | SUB-14-00004-JCSI-080A | 24-Feb-15 | 5-Mar-15 | 9 | RENDROC HS xtra between Manholes bases and Rings | B |
| 16 | SUB-14-00004-JCSI-081A | 1-Mar-15 | 3-Mar-15 | 2 | Vehicles and Equipment Insurances & licenses | B |
| 17 | SUB-14-00004-JCSI-082A | 2-Mar-15 | 8-Mar-15 | 6 | method statement - UPVC pressure Test | C |
| 18 | SUB-14-00004-JCSI-082B | 8-Mar-15 | 9-Mar-15 | 1 | method statement - UPVC pressure Test | D |
| 19 | SUB-14-00004-JCSI-082C | 11-Mar-15 | Retracted March 11,2015 | Retracted | method statement - UPVC pressure Test | Retracted |
| 20 | SUB-14-00004-JCSI-082C | 12-Mar-15 | 15-Mar-15 | 3 | method statement - UPVC pressure Test | B |
| 21 | SUB-14-00004-JCSI-083A | 3-Mar-15 | 11-Mar-15 | 8 | QC-Testing | B |
| 22 | SUB-14-00004-JCSI-084A | 4-Mar-15 | 5-Mar-15 | 1 | Traffic plan for Night shift | B |
| 23 | SUB-14-00004-JCSI-085A | 8-Mar-15 | 8-Mar-15 | 0 | Manholes Benching Method Statement | C |
| 24 | SUB-14-00004-JCSI-085B | 12-Mar-15 | 15-Mar-15 | 3 | Manholes Benching Method Statement | B |
| 25 | SUB-14-00004-JCSI-086A | 3-Mar-15 | 11-Mar-15 | 8 | Method Statement for Internal Lining | B |
| 26 | SUB-14-00004-JCSI-087A | 15-Mar-15 | 19-Mar-15 | 4 | Geotextile material | A |
| 27 | SUB-14-00004-JCSI-088A | 15-Mar-15 | 17-Mar-15 | 2 | Asphalt Job – Mixes Design (Roots Co. Asphalt Production) | C |
| 28 | SUB-14-00004-JCSI-089A | 17-Mar-15 | 26-Mar-15 | 9 | Shop Drawing; Plan& Profile for alignment No. 40 With Connection pits | C |
| 29 | SUB-14-00004-JCSI-089B | 29-Mar-15 | 29-Mar-15 | 1 | Shop Drawing; Plan& Profile for alignment No. 40 With Connection pits | B |
| 30 | SUB-14-00004-JCSI-089C | 30-Mar-15 | 31-Mar-15 | 1 | Shop Drawing; Plan& Profile for alignment No. 40 for construction | E |
| 31 | SUB-14-00004-JCSI-090A | 17-Mar-15 | 19-Mar-15 | 2 | Prime Coat | B |
| 32 | SUB-14-00004-JCSI-091A | 18-Mar-15 | 19-Mar-15 | 1 | Tack Coat | B |

| No | Submittal Code | Submit Date | Date of CMC Response | CMC Review Days | Description | Status |
|----|------------------------|-------------|----------------------|-----------------|--|--------|
| 33 | SUB-14-00004-JCSI-092A | 18-Mar-15 | 1-Apr-15 | 14 | Shop Drawing; Plan& Profile for alignment No. 33 With Connection pits | C |
| 34 | SUB-14-00004-JCSI-093A | 19-Mar-15 | 26-Mar-15 | 7 | Update Original CPM Schedule | B |
| 35 | SUB-14-00004-JCSI-094A | 19-Mar-15 | 26-Mar-15 | 7 | Shop Drawing; Plan& Profile for alignment No. 55 With Connection pits | B |
| 36 | SUB-14-00004-JCSI-094B | 29-Mar-15 | 31-Mar-15 | 2 | Shop Drawing; Plan& Profile for alignment No. 55 With Connection pits | B |
| 37 | SUB-14-00004-JCSI-095A | 22-Mar-15 | 23-Mar-15 | 1 | Asphalt job mix design (Qandeel -nablus) | B |
| 38 | SUB-14-00004-JCSI-096A | 26-Mar-15 | 29-Mar-15 | 3 | Steel Reinforcement Manufacturers | B |
| 39 | SUB-14-00004-JCSI-097A | 29-Mar-15 | Under review Period | | Shop Drawing; Plan& Profile for alignments No. 36 & 38 With Connection pits | |
| 40 | SUB-14-00004-JCSI-098A | 29-Mar-15 | Under review Period | | Shop Drawing; Plan& Profile for alignments No. 44,45,46,47,48,49,31,32 &37With Connection pits | |
| 41 | SUB-14-00004-JCSI-099A | 30-Mar-15 | Under review Period | | Shop Drawing; Plan& Profile for alignment No. 39 Connection pits | |
| 42 | SUB-14-00004-JCSI-100A | 31-Mar-15 | Under review Period | | Method Statement - Mandrel and Lighting Tests | |
| 43 | SUB-14-00004-JCSI-101A | 31-Mar-15 | Under review Period | | Extended Traffic plan for Night Works | |

A = No Exceptions Noted B = Make Corrections Noted C = Amend-Resubmit D = Reject-Resubmit E = Review Not Required

Annex G - Requests for Information Log

RFI's Log:

| RFI No. | Description | Date submitted | B&V Reply Date |
|---------------------------|-------------------------|-----------------------|---------------------------|
| RFI-14-00004-JCSI-C-E-004 | Trench Excavation width | March 15, 2015 | March 15, 2015 |

Annex H - Geo-MIS Data

**USAID WEST BANK/ GAZA
INFRASTRUCTURE NEEDS PROGRAM INPII**

CONTRACT NO. : AID-294-I-00-12-00002

TASK ORDER N :AID-294-TO-14-00004

TASK ORDER SHORT NAME

Temporaray Job Days Summary Report

Task Order Name: Jericho Collection System Expansion- Phase 1A

PERIOD FROM: November 07, 2014

CONTRACTOR: The Morganti Group INC.

PERIOD TO: March 31, 2015

SUB-CONTRACTOR: Saqqa & Khoudary Co. Ltd.

| Date | | Site Staff Job Days** | | | | | Total Job Days | No of Full Time Equivalent (FTE) Jobs in the Month* | Segregation By Gender | | Notes of Comments |
|--------------|------|-----------------------|-----------|---------------|-----------------|-------|----------------|---|-----------------------|-------------|-------------------|
| Month | Year | Management | Engineers | Skilled Labor | Unskilled Labor | Other | | | Female | Male | |
| November | 2014 | 60 | 36 | 20 | 18 | 51 | 185 | 8 | 5 | 180 | |
| December | 2014 | 80 | 81 | 28 | 54 | 144 | 387 | 16 | 42 | 345 | |
| January | 2015 | 69 | 70 | 53 | 36 | 182 | 409 | 17 | 11 | 398 | |
| February | 2015 | 88 | 88 | 305 | 143 | 202 | 827 | 35 | 2 | 824 | |
| March | 2015 | 117 | 106 | 433 | 272 | 239 | 1166 | 49 | 1 | 1165 | |
| April | 2015 | | | | | | 0 | 0 | | | |
| May | 2015 | | | | | | 0 | 0 | | | |
| June | 2015 | | | | | | 0 | 0 | | | |
| July | 2015 | | | | | | 0 | 0 | | | |
| August | 2015 | | | | | | 0 | 0 | | | |
| September | 2015 | | | | | | 0 | 0 | | | |
| Total | | | | | | | 2973 | 125 | 61 | 2912 | |

Note :

* No of Full Time Equivalent (FTE) Jobs in the Month = Total Job Days / Avg. Days in the Month(23.8)

** This data collection sheet is for Palestinian staff only , experts and foreign employee shall not be included.

USAID WEST BANK/ GAZA
 INFRASTRUCTURE NEEDS PROGRAM INPII
 CONTRACT NO. : AID-294-I-00-12-00002
 TASK ORDER NO. : AID-294-TO-014-00004
 TASK ORDER SHORT NAME :JCSI
 TEMPORARY JOB DAYS REPORT



Task Order Name: Jericho Collection System Expansion- Phase 1A
 CONTRACTOR: The Morganti Group INC.
 SUB-CONTRACTOR: Saqqa & Khoudary Co. Ltd.

| DATE | Site Staff Job Days ** | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|-------------------------------|-------------------------|------------------------|------------------|-----------------|---------------|---------------|--------------------|-----------------|-----------------|------------|----------------|----------------------------|----------------------|------------|------------------|-----------------|---------------|-----------------|-------------|------------|-------------|
| | Worker/Classification (Hours) | | | | | | | | | | | | | | | Man-days* | | | | | Gender | |
| | Management | | | Engineers | | Skilled labor | | | Unskilled labor | | Other | | | | | Total Management | Total Engineers | Total Skilled | Total Unskilled | Total Other | Female | Male |
| | Task Order Manager | Quality Control Manager | Safety & Envi. Manager | Project Engineer | Office Engineer | Foreman | Skilled Labor | Equipment Operator | Flagman | Unskilled Labor | Surveyor | Security Guard | Prime Cont. Accountant (F) | Sub-cont. Accountant | Office boy | | | | | | | |
| December 1, 2014 | 8 | 8 | 8 | 8 | 16 | 0 | 0 | 0 | 0 | 16 | 8 | 24 | 8 | 8 | 8 | 3 | 3 | 0 | 2 | 7 | 16 | 104 |
| December 2, 2014 | 8 | 8 | 8 | 8 | 16 | 0 | 0 | 0 | 0 | 16 | 8 | 24 | 8 | 8 | 8 | 3 | 3 | 0 | 2 | 7 | 16 | 104 |
| December 3, 2014 | 8 | 8 | 8 | 8 | 16 | 0 | 8 | 0 | 0 | 16 | 8 | 24 | 8 | 8 | 8 | 3 | 3 | 1 | 2 | 7 | 16 | 112 |
| December 4, 2014 | 8 | 8 | 8 | 8 | 16 | 0 | 8 | 0 | 0 | 16 | 8 | 12 | 8 | 8 | 8 | 3 | 3 | 1 | 2 | 5.5 | 16 | 100 |
| December 5, 2014 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.5 | 0 | 12 |
| December 6, 2014 | 8 | 8 | 8 | 8 | 16 | 0 | 8 | 0 | 0 | 16 | 8 | 12 | 8 | 8 | 8 | 3 | 3 | 1 | 2 | 5.5 | 16 | 100 |
| December 7, 2014 | 8 | 8 | 8 | 8 | 16 | 0 | 8 | 0 | 0 | 16 | 8 | 12 | 8 | 8 | 8 | 3 | 3 | 1 | 2 | 5.5 | 16 | 100 |
| December 8, 2014 | 8 | 8 | 8 | 8 | 16 | 0 | 8 | 0 | 0 | 16 | 8 | 12 | 0 | 8 | 8 | 3 | 3 | 1 | 2 | 4.5 | 8 | 100 |
| December 9, 2014 | 8 | 8 | 8 | 8 | 16 | 0 | 8 | 0 | 0 | 16 | 8 | 12 | 0 | 8 | 8 | 3 | 3 | 1 | 2 | 4.5 | 8 | 100 |
| December 10, 2014 | 8 | 8 | 8 | 8 | 16 | 0 | 8 | 0 | 0 | 16 | 8 | 12 | 0 | 8 | 8 | 3 | 3 | 1 | 2 | 4.5 | 8 | 100 |
| December 11, 2014 | 8 | 8 | 8 | 8 | 16 | 0 | 8 | 3 | 0 | 16 | 8 | 12 | 8 | 8 | 8 | 3 | 3 | 1.375 | 2 | 5.5 | 16 | 103 |
| December 12, 2014 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.5 | 0 | 12 |
| December 13, 2014 | 8 | 8 | 0 | 8 | 16 | 0 | 8 | 0 | 0 | 16 | 0 | 12 | 8 | 8 | 8 | 2 | 3 | 1 | 2 | 4.5 | 16 | 84 |
| December 14, 2014 | 8 | 8 | 8 | 8 | 16 | 0 | 8 | 0 | 0 | 16 | 0 | 12 | 8 | 8 | 8 | 3 | 3 | 1 | 2 | 4.5 | 16 | 92 |
| December 15, 2014 | 8 | 8 | 8 | 8 | 16 | 0 | 8 | 5 | 0 | 16 | 0 | 12 | 0 | 8 | 8 | 3 | 3 | 1.625 | 2 | 3.5 | 8 | 97 |
| December 16, 2014 | 8 | 8 | 8 | 8 | 16 | 0 | 8 | 0 | 0 | 16 | 0 | 12 | 0 | 8 | 8 | 3 | 3 | 1 | 2 | 3.5 | 8 | 92 |
| December 17, 2014 | 8 | 8 | 8 | 8 | 16 | 0 | 8 | 0 | 0 | 16 | 0 | 12 | 0 | 8 | 8 | 3 | 3 | 1 | 2 | 3.5 | 8 | 92 |
| December 18, 2014 | 8 | 8 | 8 | 8 | 16 | 0 | 8 | 0 | 0 | 16 | 0 | 12 | 8 | 8 | 8 | 3 | 3 | 1 | 2 | 4.5 | 16 | 92 |
| December 19, 2014 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.5 | 0 | 12 |
| December 20, 2014 | 8 | 8 | 8 | 8 | 16 | 0 | 8 | 0 | 0 | 16 | 8 | 12 | 0 | 8 | 8 | 3 | 3 | 1 | 2 | 4.5 | 8 | 100 |
| December 21, 2014 | 8 | 8 | 8 | 8 | 16 | 0 | 8 | 0 | 0 | 16 | 8 | 12 | 0 | 8 | 8 | 3 | 3 | 1 | 2 | 4.5 | 8 | 100 |
| December 22, 2014 | 8 | 8 | 8 | 8 | 16 | 0 | 8 | 0 | 0 | 16 | 8 | 12 | 0 | 8 | 8 | 3 | 3 | 1 | 2 | 4.5 | 8 | 100 |
| December 23, 2014 | 8 | 8 | 8 | 8 | 16 | 0 | 8 | 0 | 0 | 16 | 8 | 12 | 8 | 8 | 8 | 3 | 3 | 1 | 2 | 5.5 | 16 | 100 |
| December 24, 2014 | 8 | 8 | 8 | 8 | 16 | 0 | 8 | 0 | 0 | 16 | 8 | 12 | 0 | 8 | 8 | 3 | 3 | 1 | 2 | 4.5 | 8 | 100 |
| December 25, 2014 | 8 | 8 | 8 | 8 | 16 | 0 | 8 | 0 | 0 | 16 | 8 | 12 | 8 | 8 | 8 | 3 | 3 | 1 | 2 | 5.5 | 16 | 100 |
| December 26, 2014 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.5 | 0 | 12 |
| December 27, 2014 | 8 | 8 | 8 | 8 | 16 | 0 | 8 | 0 | 0 | 16 | 8 | 12 | 8 | 8 | 8 | 3 | 3 | 1 | 2 | 5.5 | 16 | 100 |
| December 28, 2014 | 8 | 8 | 8 | 8 | 16 | 0 | 8 | 6 | 0 | 16 | 8 | 12 | 0 | 8 | 8 | 3 | 3 | 1.75 | 2 | 4.5 | 8 | 106 |
| December 29, 2014 | 8 | 8 | 8 | 8 | 16 | 0 | 8 | 6 | 0 | 16 | 16 | 12 | 8 | 8 | 8 | 3 | 3 | 1.75 | 2 | 6.5 | 16 | 114 |
| December 30, 2014 | 8 | 8 | 8 | 8 | 16 | 0 | 8 | 0 | 0 | 16 | 16 | 12 | 8 | 8 | 8 | 3 | 3 | 1 | 2 | 6.5 | 16 | 108 |
| December 31, 2014 | 8 | 8 | 8 | 8 | 16 | 0 | 8 | 0 | 0 | 16 | 16 | 12 | 0 | 8 | 8 | 3 | 3 | 1 | 2 | 5.5 | 8 | 108 |
| Total of Month | 216 | 216 | 208 | 216 | 432 | 0 | 200 | 20 | 0 | 432 | 192 | 408 | 120 | 208 | 216 | 80 | 81 | 27.5 | 54 | 144 | 336 | 2756 |

* Total Man-days = Total Hours / 8

** This data collection sheet is for Local (CCN) staff only , expatriate and third country national employee shall not be included.

USAID WEST BANK/ GAZA
 INFRASTRUCTURE NEEDS PROGRAM INPII
 CONTRACT NO. : AID-294-I-00-12-00002
 TASK ORDER NO. : AID-294-TO-014-00004
 TASK ORDER SHORT NAME :JCSI
 TEMPORARY JOB DAYS REPORT



Task Order Name: Jericho Collection System Expansion- Phase 1A
 CONTRACTOR: The Morganti Group INC.
 SUB-CONTRACTOR: Saqqa & Khoudary Co. Ltd.

| DATE | Site Staff Job Days ** | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|-------------------------------|-------------------------|------------------------|------------------|-----------------|---------------|---------------|--------------------|-----------------|-----------------|------------|----------------|----------------------------|----------------------|------------|-------------|------------------|-----------------|---------------|-----------------|-------------|-------------|------|
| | Worker/Classification (Hours) | | | | | | | | | | | | | | Man-days* | | | | | Gender | | | |
| | Management | | | Engineers | | Skilled labor | | | Unskilled labor | | Other | | | | | | Total Management | Total Engineers | Total Skilled | Total Unskilled | Total Other | Female | Male |
| | Task Order Manager | Quality Control Manager | Safety & Envi. Manager | Project Engineer | Office Engineer | Foreman | Skilled Labor | Equipment Operator | Flagman | Unskilled Labor | Surveyor | Security Guard | Prime Cont. Accountant (F) | Sub-cont. Accountant | Office boy | | | | | | | | |
| January 1, 2015 | 8 | 8 | 8 | 8 | 16 | 0 | 8 | 5 | 0 | 16 | 16 | 12 | 8 | 8 | 8 | 3 | 3 | 1.625 | 2 | 6.5 | 16 | 113 | |
| January 2, 2015 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.5 | 0 | 12 | |
| January 3, 2015 | 8 | 8 | 8 | 8 | 16 | 0 | 8 | 0 | 0 | 16 | 16 | 12 | 8 | 8 | 8 | 3 | 3 | 1 | 2 | 6.5 | 16 | 108 | |
| January 4, 2015 | 8 | 8 | 8 | 8 | 16 | 0 | 8 | 0 | 0 | 16 | 16 | 12 | 0 | 8 | 4 | 3 | 3 | 1 | 2 | 5 | 4 | 108 | |
| January 5, 2015 | 8 | 8 | 8 | 8 | 16 | 0 | 8 | 0 | 0 | 16 | 16 | 24 | 0 | 8 | 0 | 3 | 3 | 1 | 2 | 6 | 0 | 120 | |
| January 6, 2015 | 8 | 8 | 8 | 8 | 16 | 0 | 8 | 0 | 0 | 16 | 16 | 24 | 8 | 8 | 0 | 3 | 3 | 1 | 2 | 7 | 8 | 120 | |
| January 7, 2015 | 4 | 4 | 4 | 4 | 8 | 0 | 4 | 0 | 0 | 8 | 8 | 24 | 0 | 4 | 0 | 1.5 | 1.5 | 0.5 | 1 | 4.5 | 0 | 72 | |
| January 8, 2015 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 24 | |
| January 9, 2015 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 24 | |
| January 10, 2015 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 24 | |
| January 11, 2015 | 8 | 8 | 8 | 8 | 16 | 0 | 8 | 0 | 0 | 8 | 16 | 24 | 8 | 8 | 8 | 3 | 3 | 1 | 1 | 8 | 8 | 120 | |
| January 12, 2015 | 8 | 8 | 8 | 8 | 16 | 0 | 8 | 0 | 0 | 8 | 16 | 24 | 8 | 8 | 8 | 3 | 3 | 1 | 1 | 8 | 8 | 120 | |
| January 13, 2015 | 8 | 8 | 8 | 8 | 16 | 0 | 8 | 0 | 0 | 8 | 16 | 24 | 0 | 8 | 8 | 3 | 3 | 1 | 1 | 7 | 0 | 120 | |
| January 14, 2015 | 8 | 8 | 8 | 8 | 16 | 0 | 8 | 0 | 0 | 8 | 16 | 24 | 0 | 8 | 8 | 3 | 3 | 1 | 1 | 7 | 0 | 120 | |
| January 15, 2015 | 8 | 8 | 8 | 8 | 16 | 0 | 8 | 0 | 0 | 8 | 16 | 24 | 0 | 8 | 8 | 3 | 3 | 1 | 1 | 7 | 0 | 120 | |
| January 16, 2015 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | | 0 | 0 | 0 | 0 | 0 | 0 | 1.5 | 0 | 12 | |
| January 17, 2015 | 8 | 8 | 8 | 8 | 16 | 0 | 8 | 0 | 0 | 8 | 16 | 24 | 0 | 8 | 8 | 3 | 3 | 1 | 1 | 7 | 0 | 120 | |
| January 18, 2015 | 8 | 8 | 0 | 8 | 16 | 0 | 16 | 0 | 0 | 8 | 16 | 24 | 0 | 8 | 8 | 2 | 3 | 2 | 1 | 7 | 0 | 120 | |
| January 19, 2015 | 8 | 8 | 8 | 8 | 16 | 0 | 16 | 0 | 0 | 8 | 16 | 24 | 0 | 8 | 8 | 3 | 3 | 2 | 1 | 7 | 0 | 128 | |
| January 20, 2015 | 8 | 8 | 8 | 8 | 16 | 0 | 8 | 0 | 0 | 8 | 16 | 24 | 0 | 8 | 8 | 3 | 3 | 1 | 1 | 7 | 0 | 120 | |
| January 21, 2015 | 8 | 8 | 8 | 8 | 16 | 0 | 16 | 0 | 0 | 8 | 16 | 24 | 0 | 8 | 8 | 3 | 3 | 2 | 1 | 7 | 0 | 128 | |
| January 22, 2015 | 8 | 8 | 8 | 8 | 16 | 0 | 16 | 0 | 0 | 8 | 16 | 24 | 8 | 8 | 8 | 3 | 3 | 2 | 1 | 8 | 8 | 128 | |
| January 23, 2015 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.5 | 0 | 12 | |
| January 24, 2015 | 8 | 8 | 8 | 8 | 16 | 0 | 16 | 0 | 0 | 16 | 16 | 24 | 8 | 8 | 8 | 3 | 3 | 2 | 2 | 8 | 8 | 136 | |
| January 25, 2015 | 8 | 8 | 8 | 8 | 16 | 0 | 40 | 0 | 8 | 8 | 16 | 24 | 0 | 8 | 8 | 3 | 3 | 5 | 2 | 7 | 0 | 160 | |
| January 26, 2015 | 8 | 8 | 8 | 8 | 16 | 0 | 40 | 0 | 8 | 8 | 16 | 24 | 0 | 8 | 8 | 3 | 3 | 5 | 2 | 7 | 0 | 160 | |
| January 27, 2015 | 8 | 8 | 8 | 0 | 16 | 0 | 40 | 0 | 8 | 8 | 16 | 24 | 0 | 8 | 8 | 3 | 2 | 5 | 2 | 7 | 0 | 152 | |
| January 28, 2015 | 8 | 8 | 8 | 8 | 16 | 0 | 40 | 0 | 8 | 8 | 16 | 24 | 0 | 8 | 8 | 3 | 3 | 5 | 2 | 7 | 0 | 160 | |
| January 29, 2015 | 8 | 8 | 8 | 8 | 16 | 0 | 40 | 0 | 8 | 8 | 16 | 24 | 0 | 8 | 8 | 3 | 3 | 5 | 2 | 7 | 0 | 160 | |
| January 30, 2015 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.5 | 0 | 12 | |
| January 31, 2015 | 8 | 8 | 0 | 8 | 16 | 0 | 40 | 0 | 8 | 8 | 16 | 24 | 8 | 8 | 8 | 2 | 3 | 5 | 2 | 8 | 8 | 152 | |
| Total of Month | 188 | 188 | 172 | 180 | 376 | 0 | 420 | 5 | 48 | 240 | 376 | 660 | 64 | 188 | 164 | 68.5 | 69.5 | 53.13 | 36 | 181.5 | 84 | 3185 | |

* Total Man-days = Total Hours / 8

** This data collection sheet is for Local (CCN) staff only , expatriate and third country national employee shall not be included.

USAID WEST BANK/ GAZA
 INFRASTRUCTURE NEEDS PROGRAM INPII
 CONTRACT NO. : AID-294-I-00-12-00002
 TASK ORDER NO. : AID-294-TO-014-00004
 TASK ORDER SHORT NAME :JCSI
 TEMPORARY JOB DAYS REPORT



Task Order Name: Jericho Collection System Expansion- Phase 1A
 CONTRACTOR: The Morganti Group INC.
 SUB-CONTRACTOR: Saqqa & Khoudary Co. Ltd.

| DATE | Site Staff Job Days ** | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|-------------------------------|-------------------------|-------------------------|------------------|-----------------|---------------|---------------|------------------|-----------------|-----------------|------------|----------------|----------------------------|----------------------|------------|------------------|-----------------|---------------|-----------------|-------------|-----------|-------------|
| | Worker/Classification (Hours) | | | | | | | | | | | | | | | Man-days* | | | | | Gender | |
| | Management | | | Engineers | | Skilled labor | | | Unskilled labor | | Other | | | | | Total Management | Total Engineers | Total Skilled | Total Unskilled | Total Other | Female | Male |
| | Task Order Manager | Quality Control Manager | Safety & Envtl. Manager | Project Engineer | Office Engineer | Foreman | Skilled Labor | Machine Operator | Flagman | Unskilled Labor | Surveyor | Security Guard | Prime Cont. Accountant (F) | Sub-cont. Accountant | Office boy | | | | | | | |
| February 1, 2015 | 2 | 8 | 8 | 8 | 16 | 0 | 32 | 0 | 16 | 8 | 16 | 24 | 0 | 8 | 8 | 2.25 | 3 | 4 | 3 | 7 | 0 | 154 |
| February 2, 2015 | 8 | 8 | 8 | 8 | 16 | 0 | 32 | 0 | 16 | 8 | 16 | 24 | 0 | 8 | 8 | 3 | 3 | 4 | 3 | 7 | 0 | 160 |
| February 3, 2015 | 8 | 8 | 8 | 8 | 16 | 0 | 40 | 0 | 16 | 0 | 16 | 24 | 0 | 8 | 8 | 3 | 3 | 5 | 2 | 7 | 0 | 160 |
| February 4, 2015 | 8 | 8 | 8 | 8 | 16 | 0 | 24 | 0 | 0 | 8 | 16 | 24 | 0 | 8 | 8 | 3 | 3 | 3 | 1 | 7 | 0 | 136 |
| February 5, 2015 | 8 | 8 | 8 | 8 | 16 | 0 | 40 | 40 | 16 | 16 | 16 | 12 | 0 | 8 | 8 | 3 | 3 | 10 | 4 | 5.5 | 0 | 204 |
| February 6, 2015 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.5 | 0 | 12 |
| February 7, 2015 | 8 | 8 | 8 | 8 | 16 | 0 | 65 | 65 | 26 | 26 | 18 | 24 | 8 | 8 | 8 | 3 | 3 | 16.25 | 6.5 | 8.25 | 8 | 288 |
| February 8, 2015 | 8 | 8 | 8 | 8 | 16 | 0 | 65 | 65 | 26 | 26 | 18 | 24 | 0 | 8 | 8 | 3 | 3 | 16.25 | 6.5 | 7.25 | 0 | 288 |
| February 9, 2015 | 8 | 8 | 8 | 8 | 16 | 0 | 65 | 65 | 26 | 26 | 28 | 24 | 0 | 8 | 8 | 3 | 3 | 16.25 | 6.5 | 8.5 | 0 | 298 |
| February 10, 2015 | 13 | 13 | 13 | 13 | 23 | 0 | 65 | 65 | 26 | 26 | 39 | 24 | 0 | 8 | 8 | 4.875 | 4.5 | 16.25 | 6.5 | 9.875 | 0 | 336 |
| February 11, 2015 | 13 | 13 | 13 | 13 | 20 | 0 | 65 | 65 | 26 | 26 | 36 | 24 | 0 | 8 | 8 | 4.875 | 4.125 | 16.25 | 6.5 | 9.5 | 0 | 330 |
| February 12, 2015 | 10 | 8 | 10 | 10 | 10 | 0 | 50 | 50 | 20 | 20 | 30 | 24 | 0 | 8 | 8 | 3.5 | 2.5 | 12.5 | 5 | 8.75 | 0 | 258 |
| February 13, 2015 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.5 | 0 | 12 |
| February 14, 2015 | 10 | 0 | 13 | 10 | 20 | 0 | 65 | 65 | 26 | 26 | 39 | 24 | 10 | 8 | 8 | 2.875 | 3.75 | 16.25 | 6.5 | 11.13 | 10 | 314 |
| February 15, 2015 | 13 | 13 | 13 | 13 | 13 | 0 | 65 | 65 | 26 | 26 | 26 | 24 | 0 | 8 | 8 | 4.875 | 3.25 | 16.25 | 6.5 | 8.25 | 0 | 313 |
| February 16, 2015 | 13 | 13 | 13 | 13 | 23 | 0 | 65 | 65 | 26 | 26 | 32 | 24 | 0 | 8 | 8 | 4.875 | 4.5 | 16.25 | 6.5 | 9 | 0 | 329 |
| February 17, 2015 | 13 | 13 | 13 | 13 | 26 | 0 | 65 | 65 | 26 | 26 | 32 | 24 | 0 | 8 | 8 | 4.875 | 4.875 | 16.25 | 6.5 | 9 | 0 | 332 |
| February 18, 2015 | 13 | 13 | 13 | 13 | 26 | 0 | 65 | 65 | 26 | 26 | 32 | 24 | 0 | 8 | 8 | 4.875 | 4.875 | 16.25 | 6.5 | 9 | 0 | 332 |
| February 19, 2015 | 6 | 6 | 6 | 6 | 12 | 0 | 30 | 0 | 0 | 12 | 18 | 12 | 0 | 6 | 6 | 2.25 | 2.25 | 3.75 | 1.5 | 5.25 | 0 | 120 |
| February 20, 2015 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.5 | 0 | 12 |
| February 21, 2015 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.5 | 0 | 12 |
| February 22, 2015 | 13 | 13 | 13 | 13 | 26 | 0 | 65 | 65 | 26 | 26 | 36 | 24 | 0 | 8 | 8 | 4.875 | 4.875 | 16.25 | 6.5 | 9.5 | 0 | 336 |
| February 23, 2015 | 13 | 13 | 13 | 13 | 26 | 0 | 65 | 65 | 52 | 26 | 36 | 24 | 0 | 8 | 8 | 4.875 | 4.875 | 16.25 | 9.75 | 9.5 | 0 | 362 |
| February 24, 2015 | 13 | 13 | 13 | 13 | 26 | 0 | 65 | 65 | 65 | 26 | 36 | 24 | 0 | 8 | 8 | 4.875 | 4.875 | 16.25 | 11.38 | 9.5 | 0 | 375 |
| February 25, 2015 | 13 | 13 | 13 | 13 | 26 | 0 | 77 | 77 | 60 | 34 | 40 | 24 | 0 | 8 | 8 | 4.875 | 4.875 | 19.25 | 11.75 | 10 | 0 | 406 |
| February 26, 2015 | 13 | 13 | 6 | 13 | 26 | 0 | 65 | 65 | 52 | 26 | 36 | 24 | 0 | 8 | 8 | 4 | 4.875 | 16.25 | 9.75 | 9.5 | 0 | 355 |
| February 27, 2015 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.5 | 0 | 12 |
| February 28, 2015 | 13 | 13 | 0 | 13 | 26 | 0 | 65 | 65 | 52 | 26 | 36 | 24 | 0 | 8 | 8 | 3.25 | 4.875 | 16.25 | 9.75 | 9.5 | 0 | 349 |
| Total of Month | 240 | 234 | 229 | 246 | 457 | 0 | 1300 | 1142 | 651 | 444 | 648 | 588 | 18 | 182 | 182 | 87.88 | 87.9 | 305 | 143 | 202 | 18 | 6595 |

* Total Man-days = Total Hours / 8

** This data collection sheet is for Local (CCN) staff only , expatriate and third country national employee shall not be included.

USAID WEST BANK/ GAZA
 INFRASTRUCTURE NEEDS PROGRAM INPII
 CONTRACT NO. : AID-294-I-00-12-00002
 TASK ORDER NO. : AID-294-TO-014-00004
 TASK ORDER SHORT NAME :JCSI
 TEMPORARY JOB DAYS REPORT



Task Order Name: Jericho Collection System Expansion- Phase 1A
 CONTRACTOR: The Morganti Group INC.
 SUB-CONTRACTOR: Saqqa & Khoudary Co. Ltd.

| DATE | Site Staff Job Days ** | | | | | | | | | | | | | | | | | Man-days* | | | | | Gender | |
|-----------------------|-------------------------------|-------------------------|------------------------|------------------|-----------------|---------------|---------------|------------------|-----------------|-----------------|------------|----------------|----------------------------|----------------------|------------------|-----------------|---------------|-----------------|-------------|------------|----------|-------------|--------|--|
| | Worker/Classification (Hours) | | | | | | | | | | | | | | Total Management | Total Engineers | Total Skilled | Total Unskilled | Total Other | Female | Male | | | |
| | Management | | | Engineers | | Skilled labor | | | Unskilled labor | | Other | | | | | | | | | | | | | |
| | Task Order Manager | Quality Control Manager | Safety & Envt. Manager | Project Engineer | Office Engineer | Foreman | Skilled Labor | Machine Operator | Flagman | Unskilled Labor | Surveyor | Security Guard | Prime Cont. Accountant (F) | Sub-cont. Accountant | | | | | | | | Office boy | | |
| March 1, 2015 | 13 | 13 | 13 | 13 | 26 | 0 | 65 | 65 | 52 | 26 | 36 | 24 | 0 | 8 | 8 | 4.875 | 4.875 | 16.25 | 9.75 | 9.5 | 0 | 362 | | |
| March 2, 2015 | 12 | 12 | 12 | 12 | 24 | 0 | 60 | 60 | 48 | 24 | 34 | 24 | 0 | 8 | 8 | 4.5 | 4.5 | 15 | 9 | 9.25 | 0 | 338 | | |
| March 3, 2015 | 12 | 12 | 12 | 12 | 24 | 0 | 60 | 60 | 48 | 24 | 34 | 24 | 0 | 8 | 8 | 4.5 | 4.5 | 15 | 9 | 9.25 | 0 | 338 | | |
| March 4, 2015 | 12 | 12 | 12 | 12 | 24 | 0 | 60 | 60 | 48 | 24 | 34 | 24 | 0 | 8 | 8 | 4.5 | 4.5 | 15 | 9 | 9.25 | 0 | 338 | | |
| March 5, 2015 | 12 | 12 | 12 | 12 | 18 | 0 | 60 | 60 | 48 | 24 | 34 | 24 | 0 | 8 | 8 | 4.5 | 3.75 | 15 | 9 | 9.25 | 0 | 332 | | |
| March 6, 2015 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.5 | 0 | 12 | | |
| March 7, 2015 | 12 | 12 | 12 | 12 | 18 | 0 | 60 | 60 | 48 | 24 | 22 | 24 | 0 | 8 | 8 | 4.5 | 3.75 | 15 | 9 | 7.75 | 0 | 320 | | |
| March 8, 2015 | 12 | 12 | 12 | 12 | 18 | 0 | 60 | 60 | 48 | 24 | 34 | 24 | 0 | 8 | 8 | 4.5 | 3.75 | 15 | 9 | 9.25 | 0 | 332 | | |
| March 9, 2015 | 12 | 12 | 12 | 12 | 18 | 0 | 60 | 60 | 48 | 24 | 34 | 24 | 0 | 8 | 8 | 4.5 | 3.75 | 15 | 9 | 9.25 | 0 | 332 | | |
| March 10, 2015 | 12 | 12 | 12 | 12 | 18 | 0 | 60 | 60 | 48 | 24 | 34 | 24 | 0 | 8 | 8 | 4.5 | 3.75 | 15 | 9 | 9.25 | 0 | 332 | | |
| March 11, 2015 | 12 | 12 | 12 | 12 | 18 | 0 | 60 | 60 | 48 | 24 | 34 | 24 | 0 | 8 | 8 | 4.5 | 3.75 | 15 | 9 | 9.25 | 0 | 332 | | |
| March 12, 2015 | 8 | 8 | 8 | 8 | 16 | 0 | 30 | 30 | 0 | 12 | 20 | 12 | 8 | 8 | 8 | 3 | 3 | 7.5 | 1.5 | 7 | 8 | 168 | | |
| March 13, 2015 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.5 | 0 | 12 | | |
| March 14, 2015 | 12 | 12 | 12 | 12 | 16 | 0 | 60 | 60 | 48 | 24 | 34 | 12 | 0 | 8 | 8 | 4.5 | 3.5 | 15 | 9 | 7.75 | 0 | 318 | | |
| March 15, 2015 | 12 | 12 | 12 | 12 | 16 | 0 | 60 | 60 | 48 | 24 | 34 | 12 | 0 | 8 | 8 | 4.5 | 3.5 | 15 | 9 | 7.75 | 0 | 318 | | |
| March 16, 2015 | 12 | 12 | 12 | 12 | 20 | 0 | 60 | 60 | 48 | 24 | 34 | 12 | 0 | 8 | 8 | 4.5 | 4 | 15 | 9 | 7.75 | 0 | 322 | | |
| March 17, 2015 | 12 | 12 | 12 | 12 | 20 | 0 | 60 | 60 | 48 | 24 | 34 | 12 | 0 | 8 | 8 | 4.5 | 4 | 15 | 9 | 7.75 | 0 | 322 | | |
| March 18, 2015 | 12 | 12 | 12 | 12 | 20 | 0 | 60 | 60 | 48 | 24 | 34 | 12 | 0 | 8 | 8 | 4.5 | 4 | 15 | 9 | 7.75 | 0 | 322 | | |
| March 19, 2015 | 12 | 12 | 12 | 12 | 20 | 0 | 60 | 60 | 48 | 24 | 34 | 12 | 0 | 8 | 8 | 4.5 | 4 | 15 | 9 | 7.75 | 0 | 322 | | |
| March 20, 2015 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.5 | 0 | 12 | | |
| March 21, 2015 | 12 | 12 | 12 | 12 | 20 | 0 | 60 | 60 | 48 | 24 | 34 | 12 | 0 | 8 | 8 | 4.5 | 4 | 15 | 9 | 7.75 | 0 | 322 | | |
| March 22, 2015 | 12 | 12 | 12 | 12 | 20 | 0 | 60 | 60 | 48 | 24 | 34 | 12 | 0 | 8 | 8 | 4.5 | 4 | 15 | 9 | 7.75 | 0 | 322 | | |
| March 23, 2015 | 12 | 12 | 12 | 12 | 10 | 0 | 60 | 60 | 48 | 24 | 34 | 12 | 0 | 8 | 8 | 4.5 | 2.75 | 15 | 9 | 7.75 | 0 | 312 | | |
| March 24, 2015 | 11 | 11 | 13 | 13 | 20 | 0 | 70 | 70 | 56 | 28 | 38 | 24 | 0 | 8 | 8 | 4.375 | 4.125 | 17.5 | 10.5 | 9.75 | 0 | 370 | | |
| March 25, 2015 | 11 | 11 | 13 | 13 | 20 | 0 | 70 | 70 | 56 | 28 | 38 | 24 | 0 | 8 | 8 | 4.375 | 4.125 | 17.5 | 10.5 | 9.75 | 0 | 370 | | |
| March 26, 2015 | 12 | 12 | 13 | 13 | 20 | 0 | 65 | 65 | 52 | 26 | 49 | 24 | 0 | 8 | 8 | 4.625 | 4.125 | 16.25 | 9.75 | 11.13 | 0 | 367 | | |
| March 27, 2015 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.5 | 0 | 12 | | |
| March 28, 2015 | 12 | 12 | 0 | 12 | 20 | 0 | 60 | 60 | 48 | 24 | 46 | 24 | 0 | 8 | 8 | 3 | 4 | 15 | 9 | 10.75 | 0 | 334 | | |
| March 29, 2015 | 12 | 12 | 12 | 12 | 20 | 0 | 60 | 60 | 48 | 24 | 46 | 12 | 0 | 8 | 8 | 4.5 | 4 | 15 | 9 | 9.25 | 0 | 334 | | |
| March 30, 2015 | 10 | 10 | 10 | 10 | 20 | 0 | 140 | 90 | 60 | 140 | 30 | 12 | 0 | 8 | 8 | 3.75 | 3.75 | 28.75 | 25 | 7.25 | 0 | 548 | | |
| March 31, 2015 | 10 | 10 | 10 | 10 | 20 | 0 | 140 | 90 | 60 | 140 | 30 | 12 | 0 | 8 | 8 | 3.75 | 3.75 | 28.75 | 25 | 7.25 | 0 | 548 | | |
| Total of Month | 315 | 315 | 308 | 320 | 524 | 0 | 1780 | 1680 | 1296 | 880 | 933 | 540 | 8 | 216 | 216 | 117.3 | 106 | 433 | 272 | 239 | 8 | 9323 | | |

* Total Man-days = Total Hours / 8

** This data collection sheet is for Local (CCN) staff only , expatriate and third country national employee shall not be included.

Annex I – Payments Log

Payments Log:

None reported during this construction period

USAID WEST BANK/GAZA

American Embassy

USAID

71 HaYarkon Street

Tel Aviv, 63903

Israel

www.usaid.gov/west-bank-and-gaza